

FIG. 1

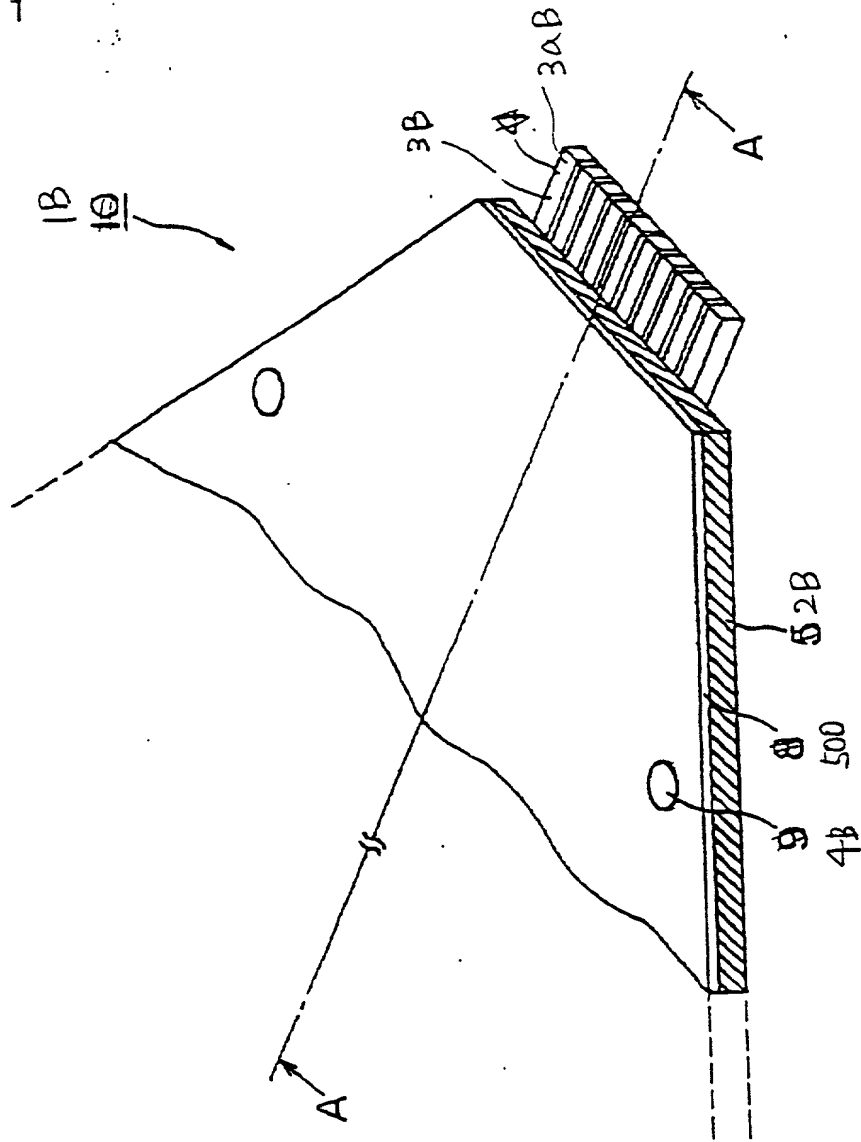


FIG. 2

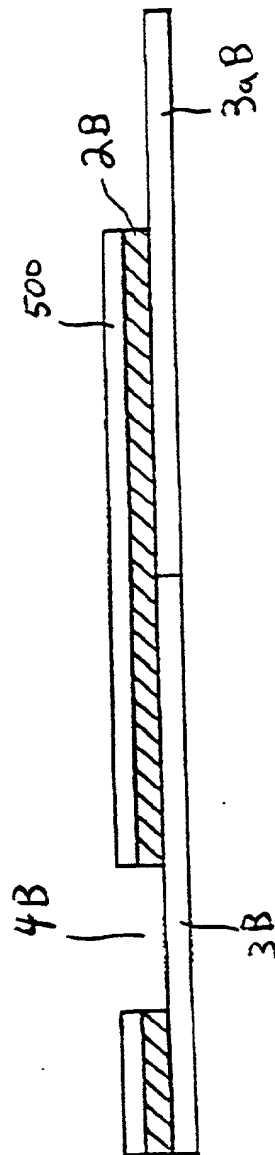


FIG. 3

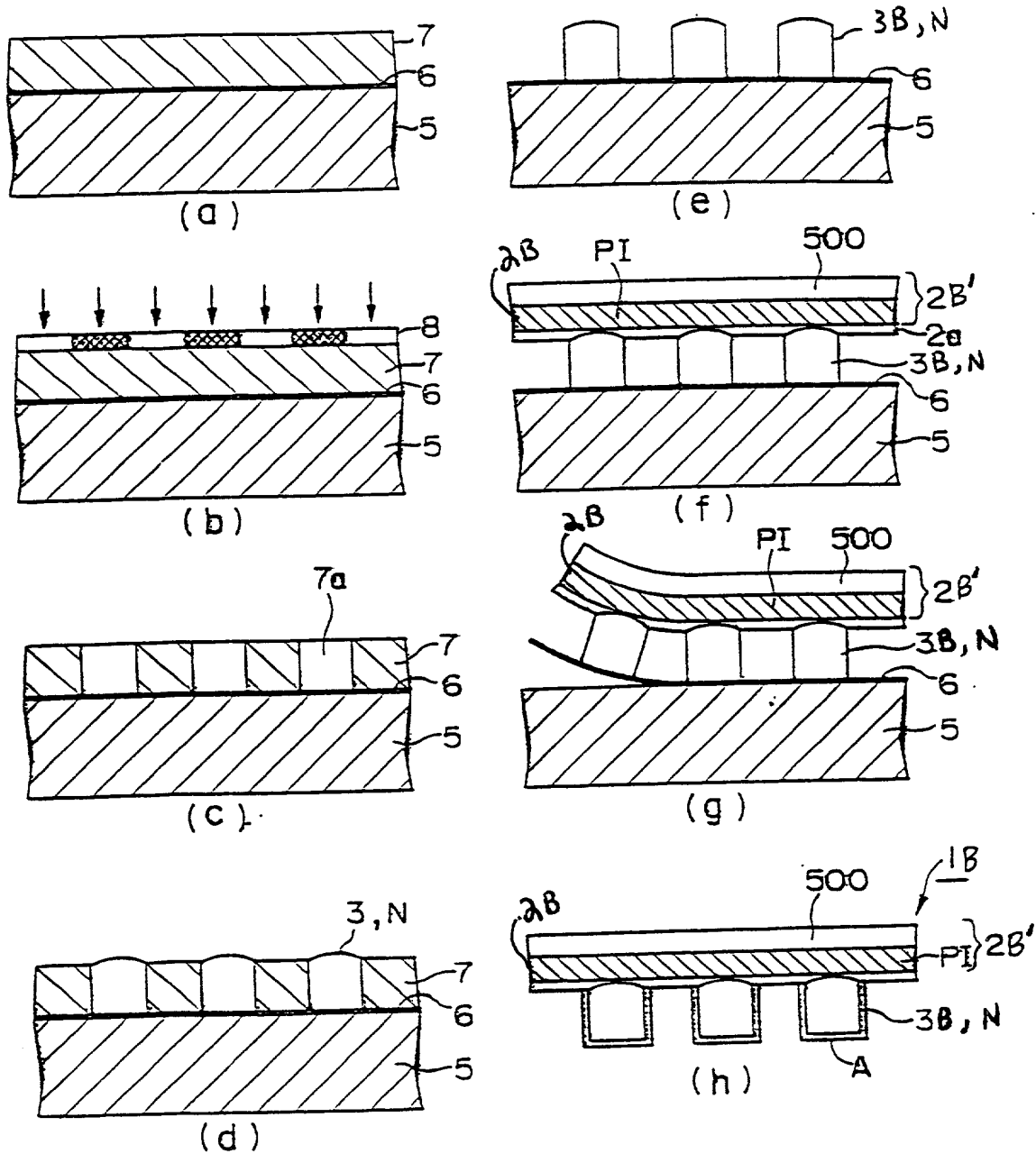




FIG. 5

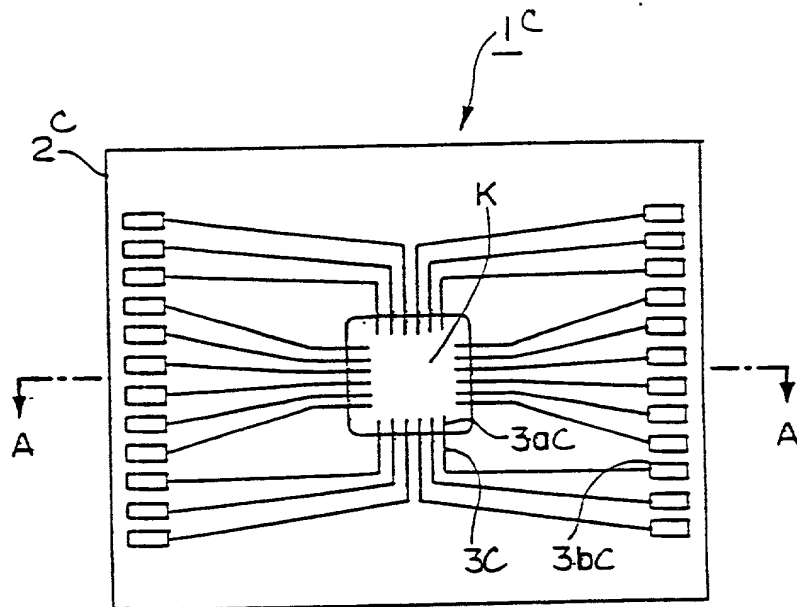


FIG. 6

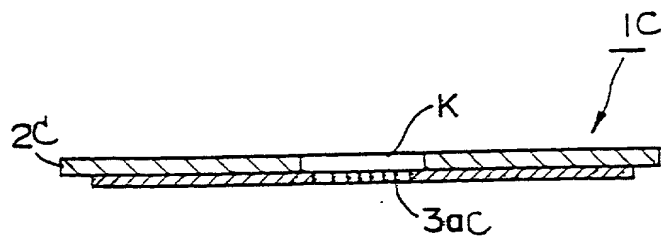
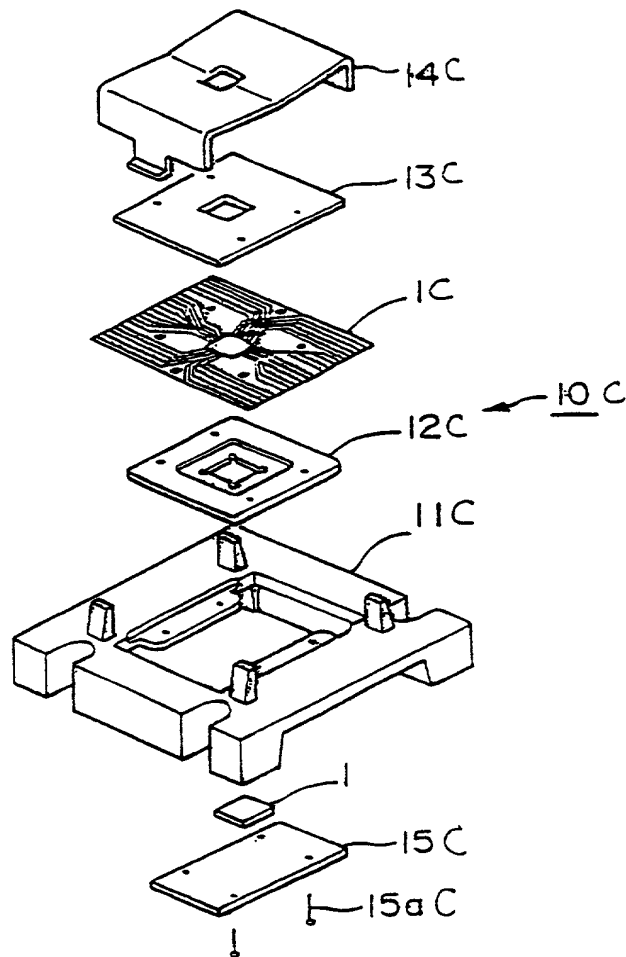


FIG. 7



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FIG. 8

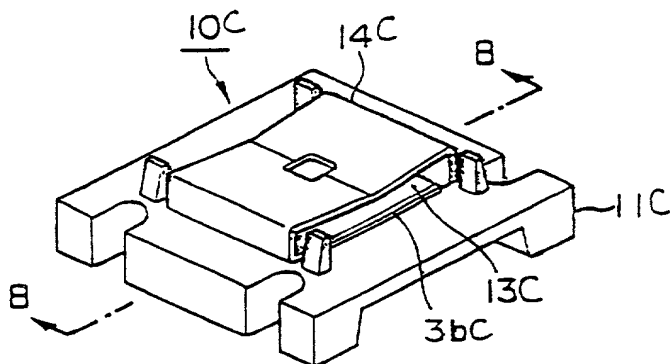
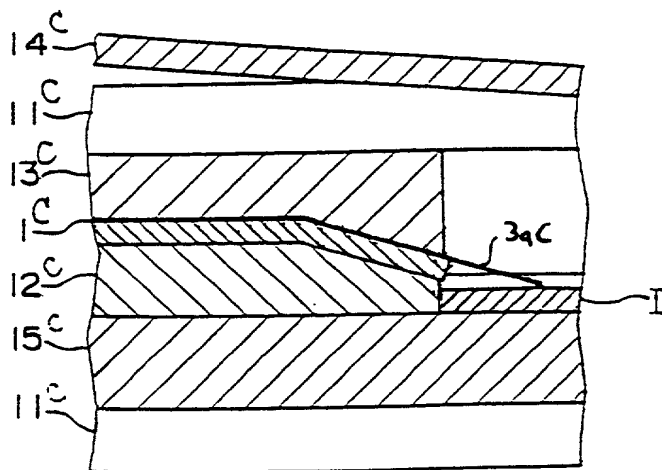


FIG. 9



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FIG. 10

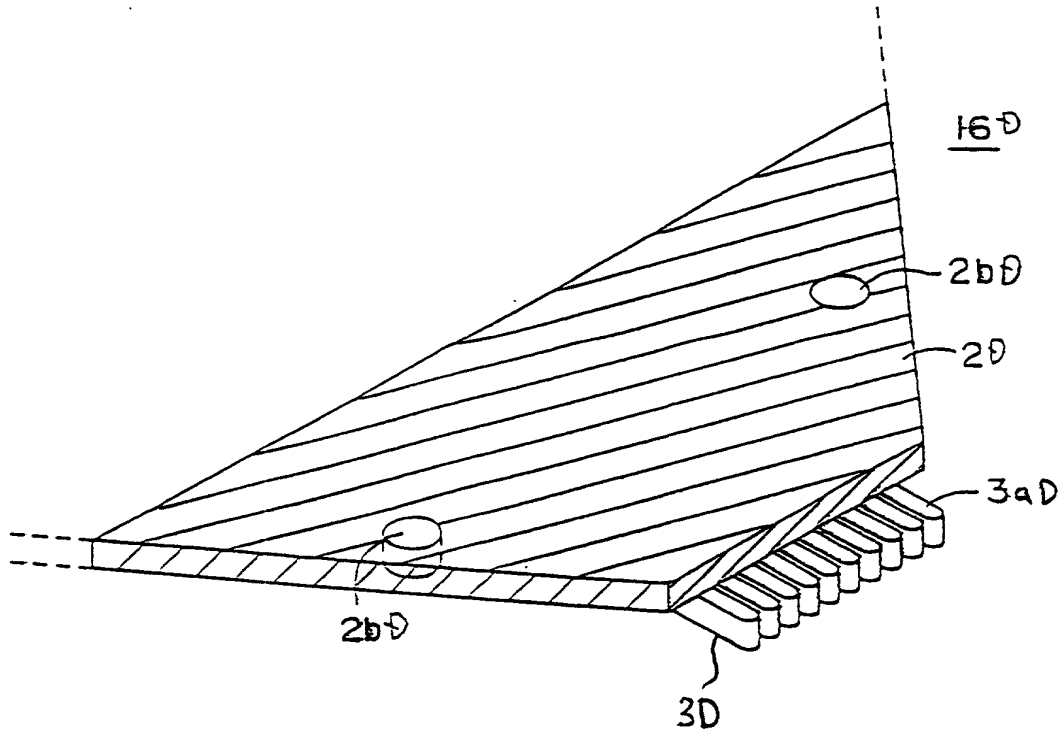




FIG. 11

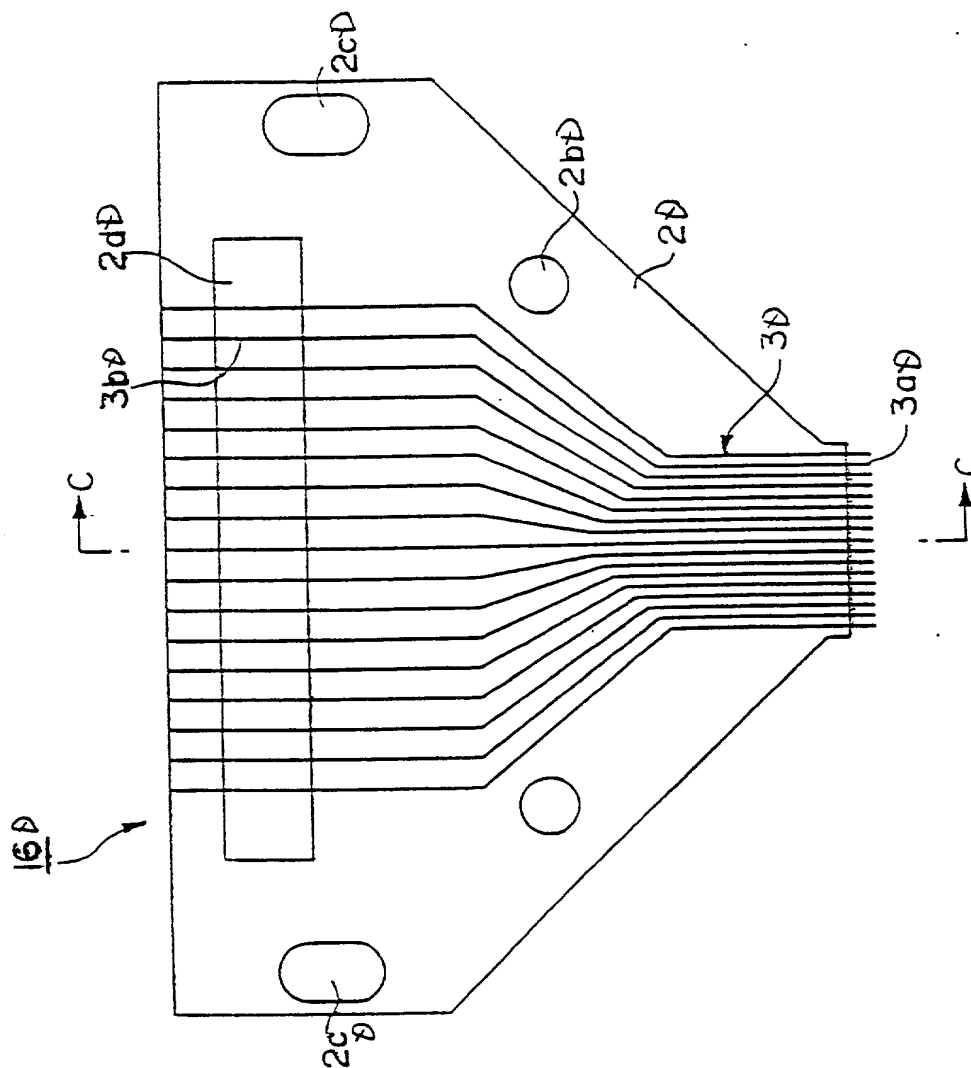


FIG. 12

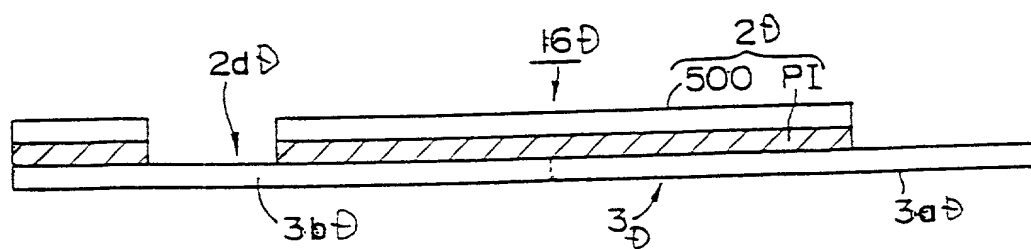
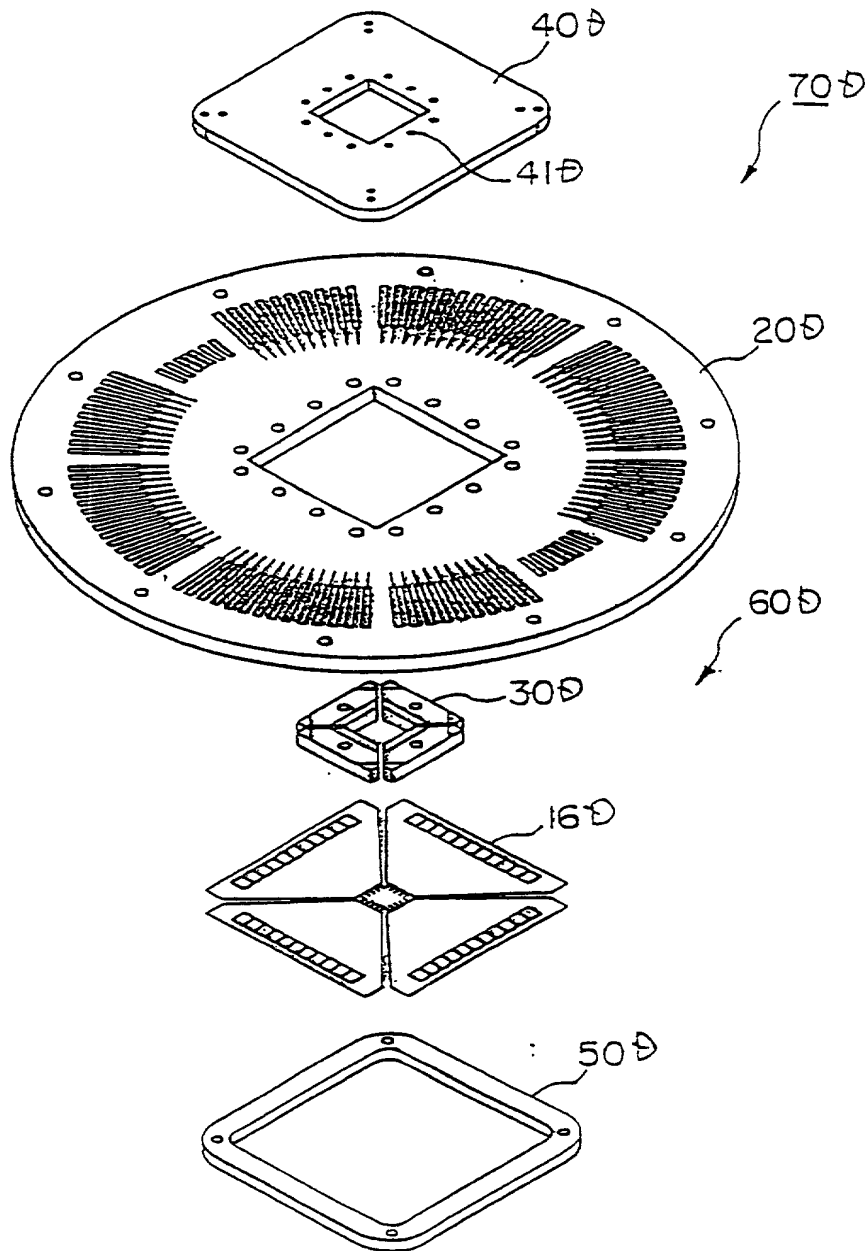
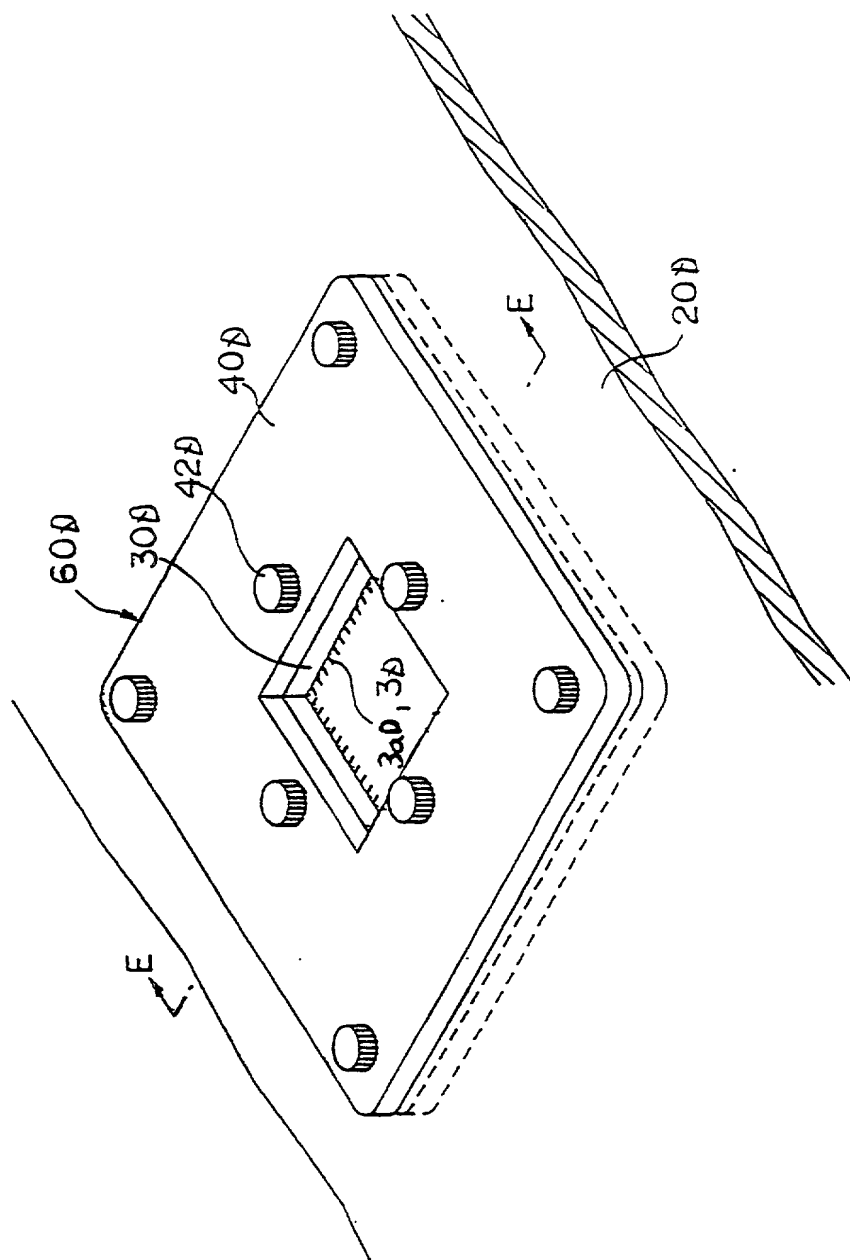


FIG. 13



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FIG. 14



70D

FIG. 15

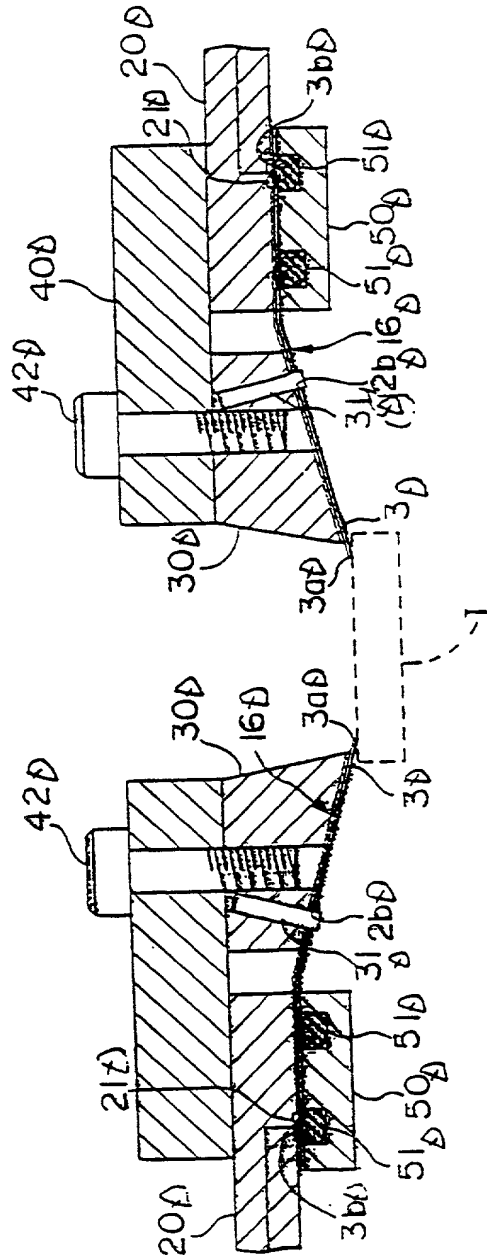


FIG. 16

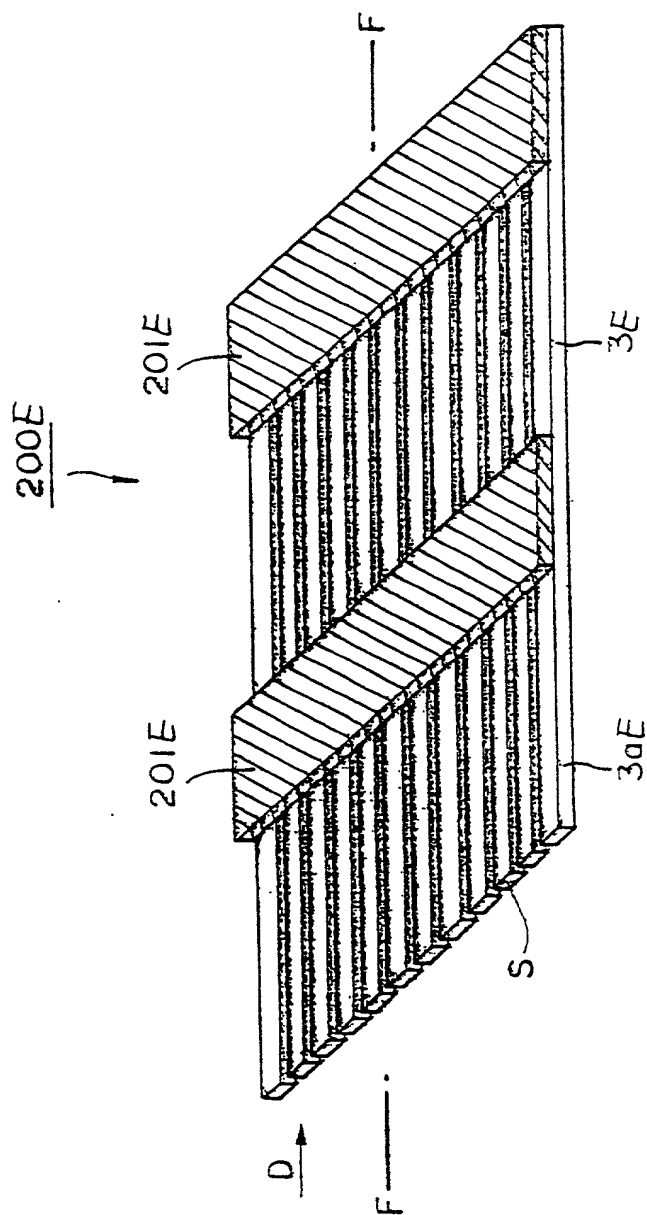


FIG. 17

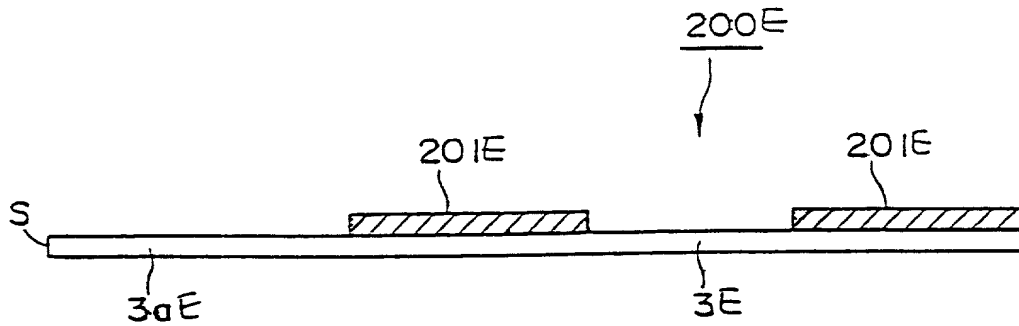
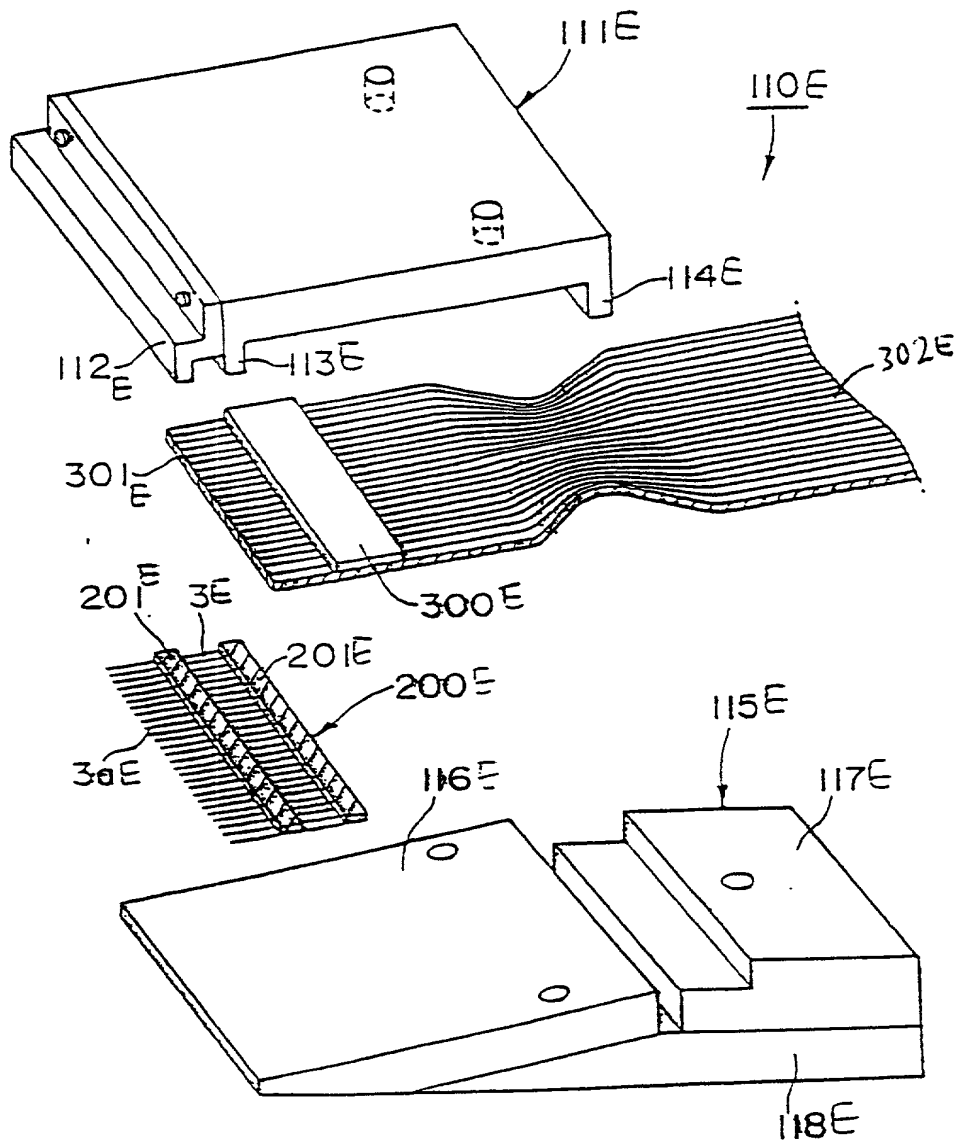
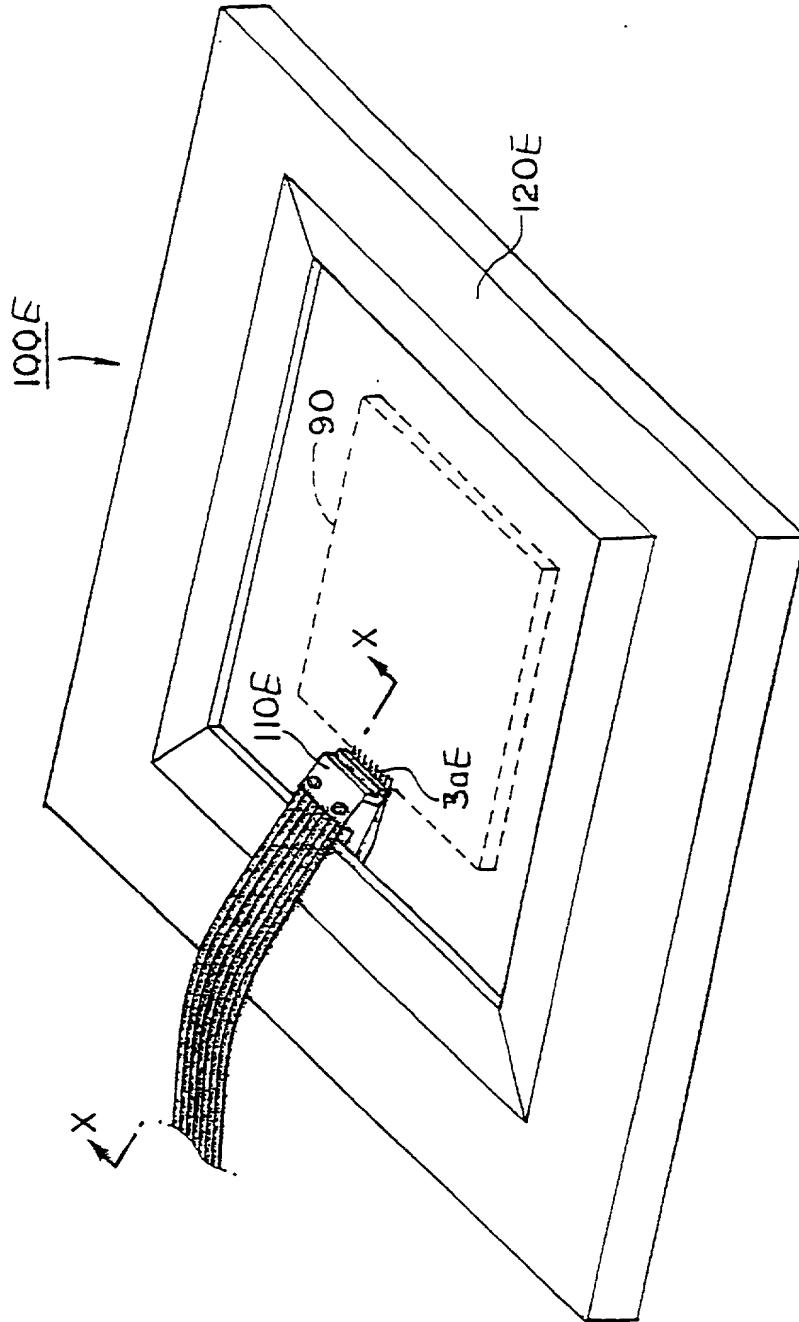


FIG. 18



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FIG. 19





[illegible]

100E

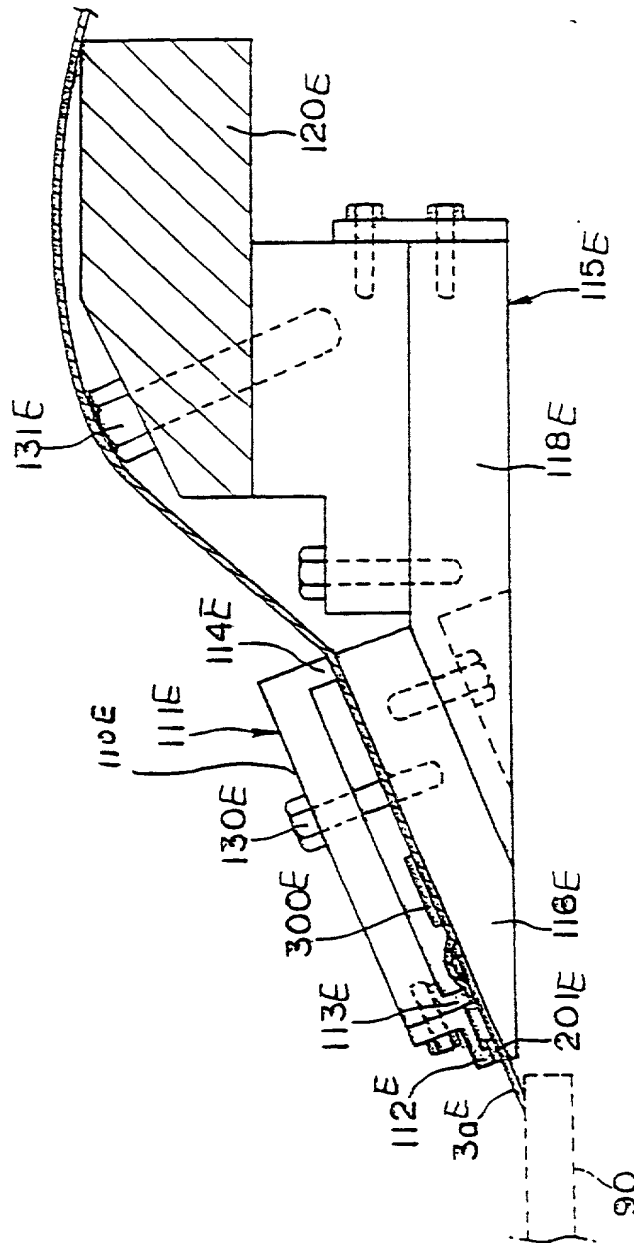


FIG. 22

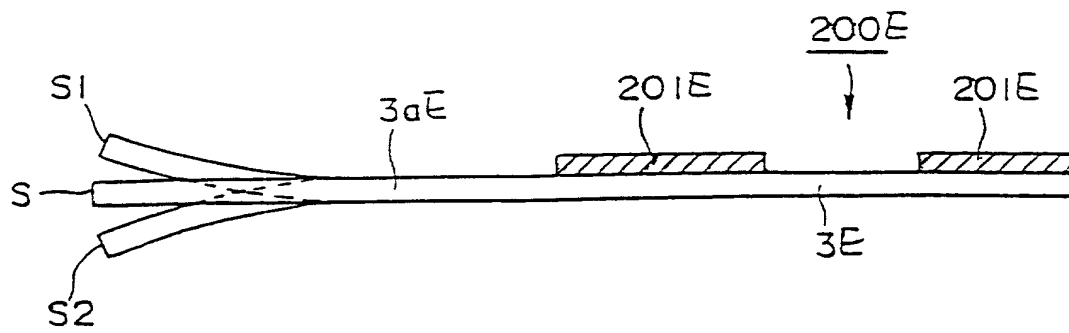
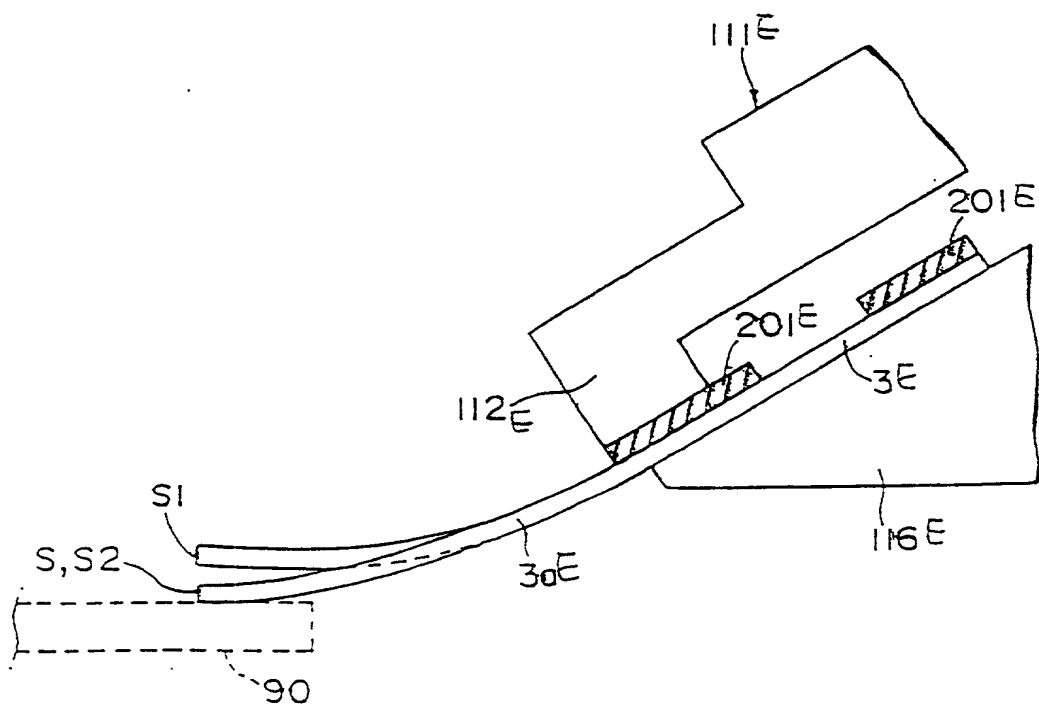


FIG. 23



[illegible]

Diagram illustrating a periodic structure. The structure consists of a hatched upper layer (labeled 200E) and a series of rectangular protrusions (labeled 201E) extending downwards. The width of the protrusions is indicated as  $3aE$ , and the thickness of the protrusions is indicated as  $t$ .

Diagram of a beam with two rectangular loads. The beam has a total length of  $3aE$ . The first load is  $200E$  wide and  $201E$  high, located at a distance of  $3E$  from the left end. The second load is  $500E$  wide and  $500E$  high, located at a distance of  $3E$  from the right end. The beam is supported by a central support.

FIG. 27

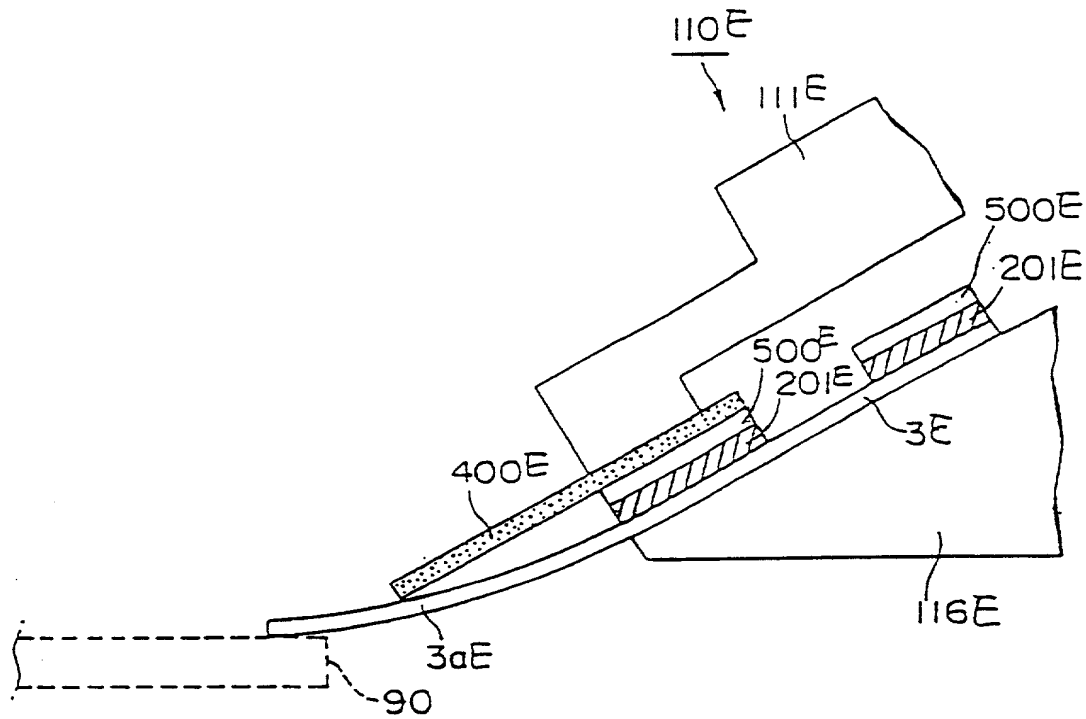


FIG. 28

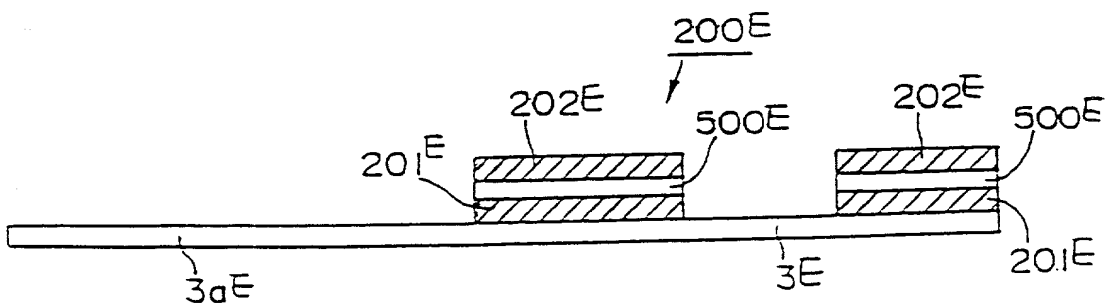


FIG. 29

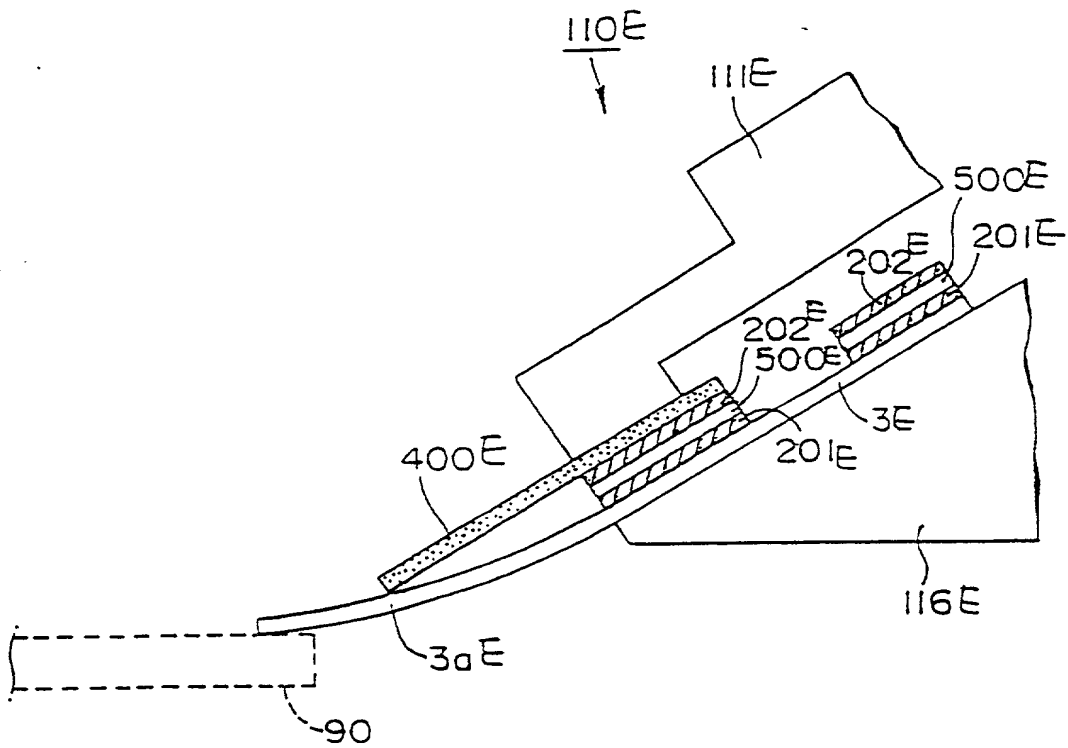


FIG. 30

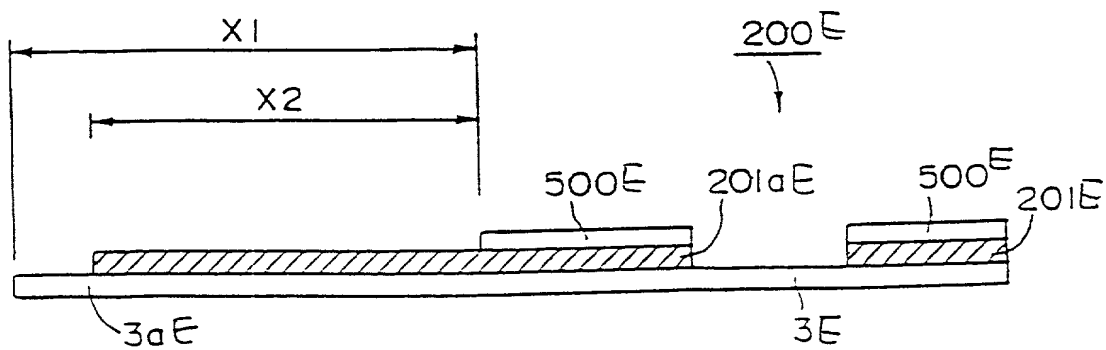


FIG. 31

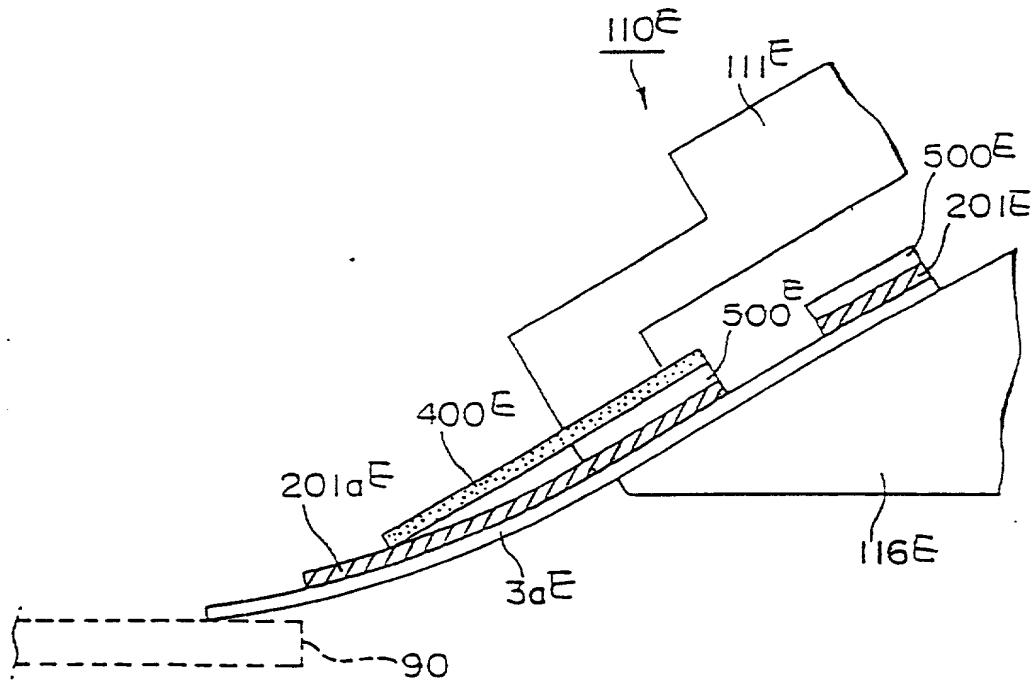


FIG. 32

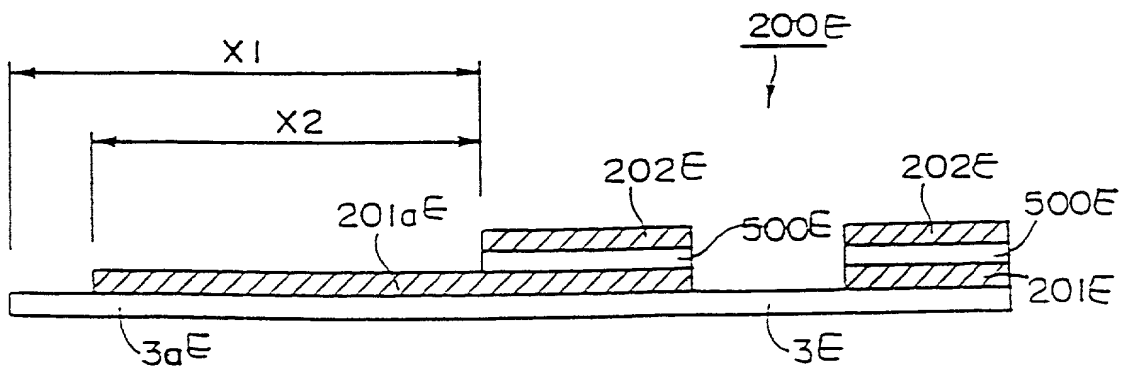


FIG. 33

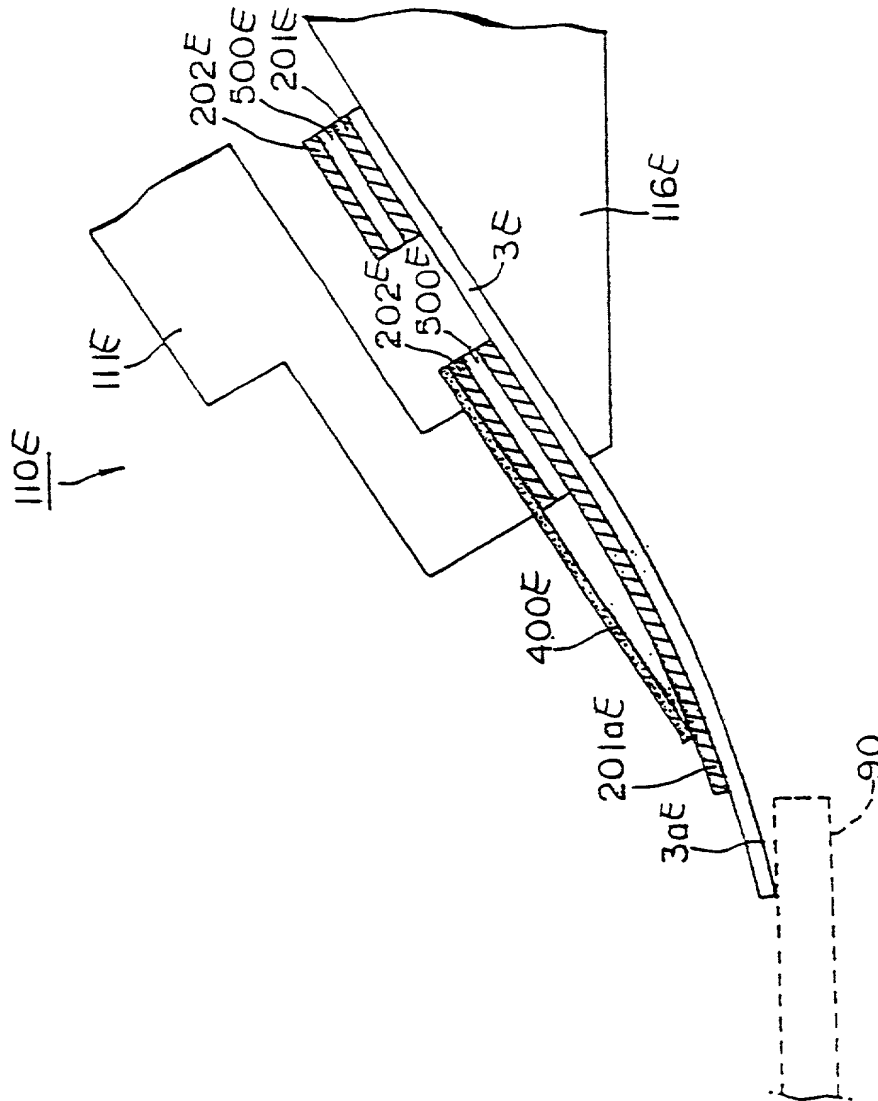




Fig. 34

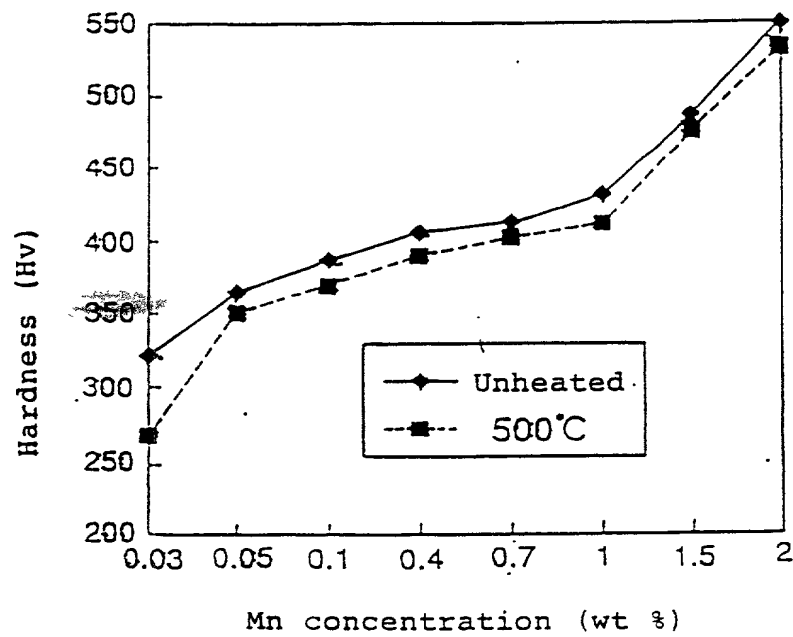
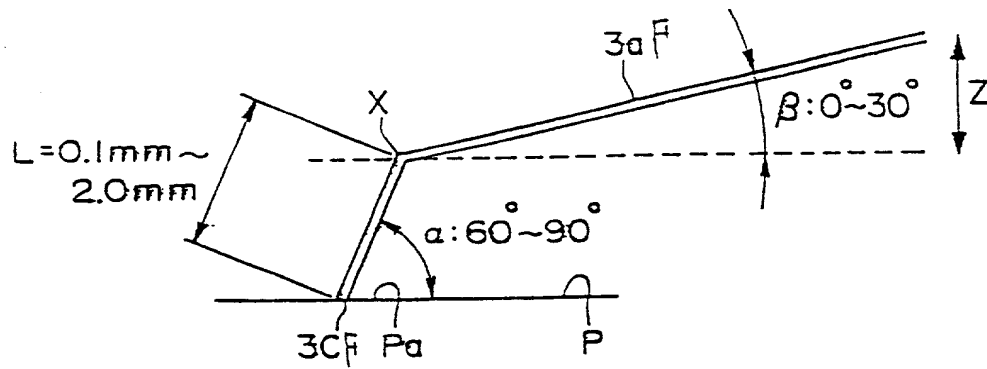


FIG. 35



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FIG. 36

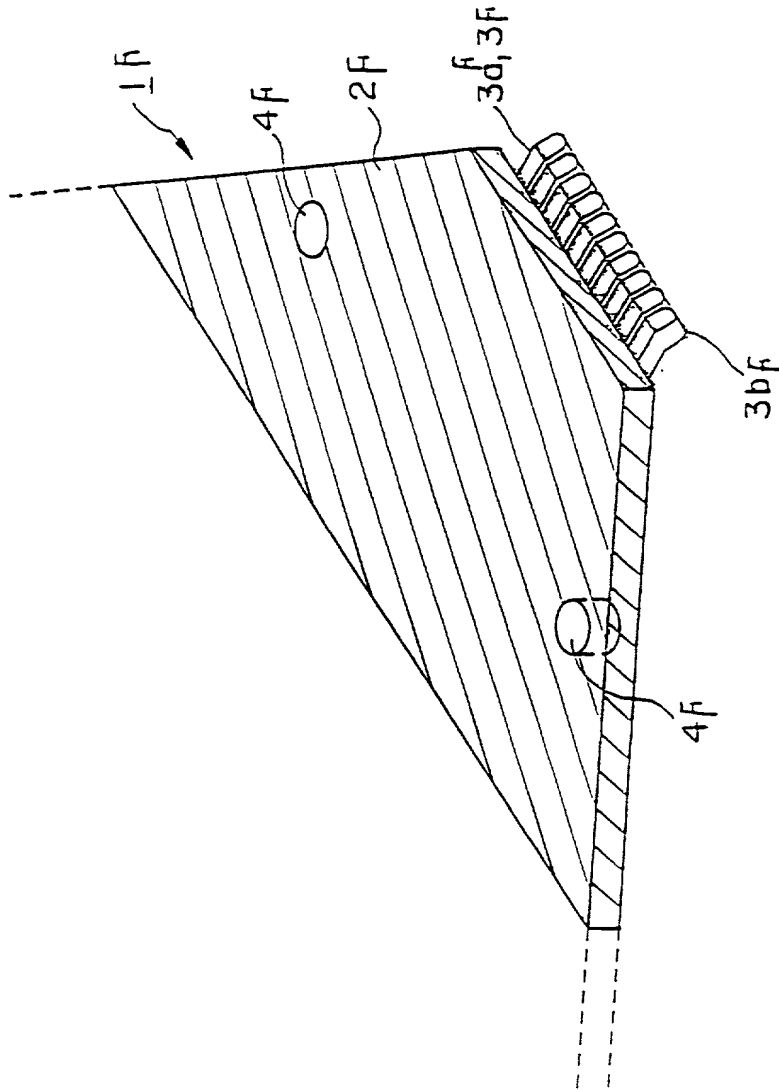


FIG. 37

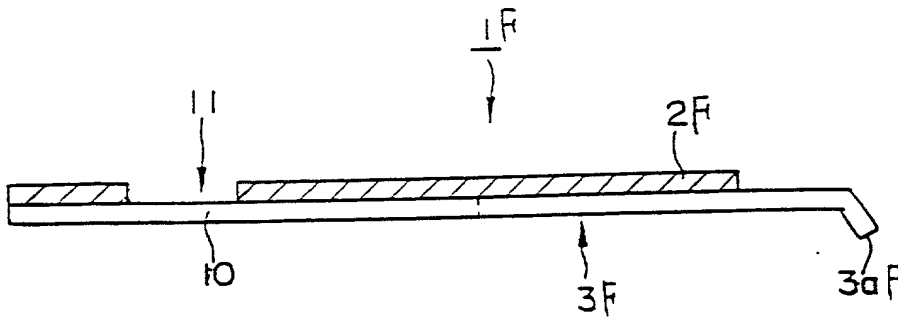




FIG. 39

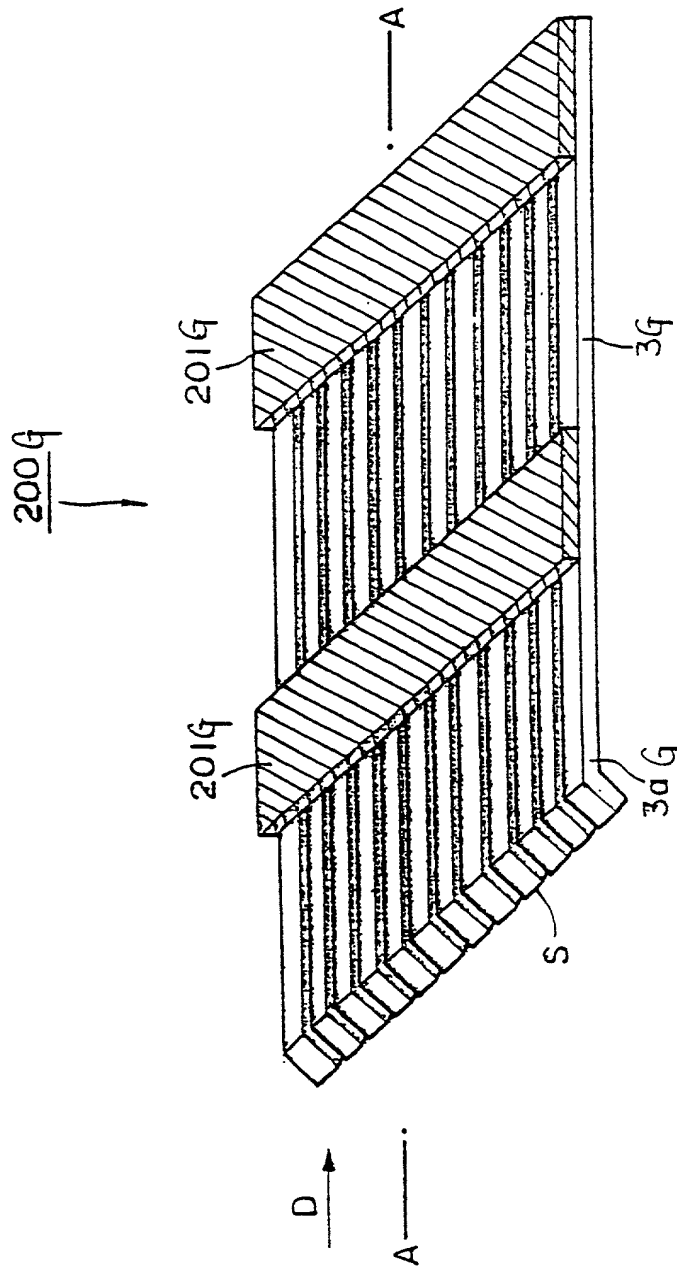


FIG. 40

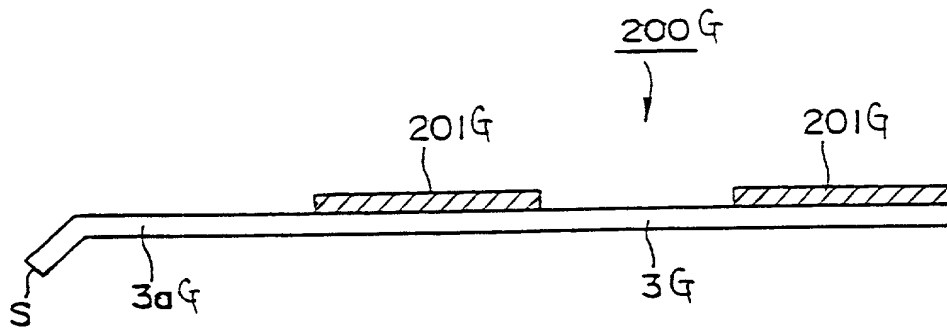


FIG. 41

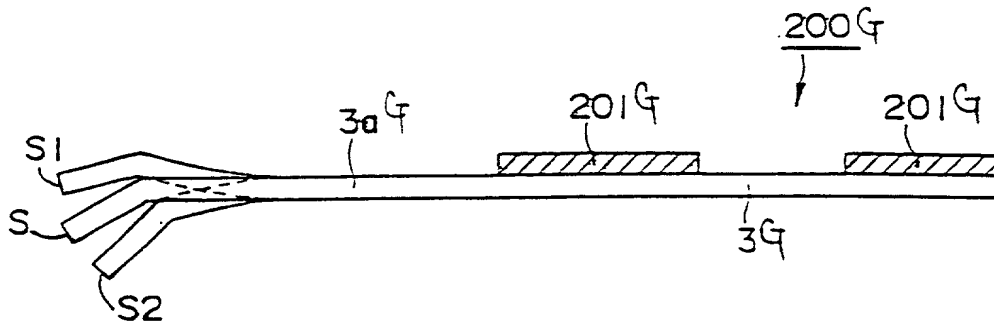
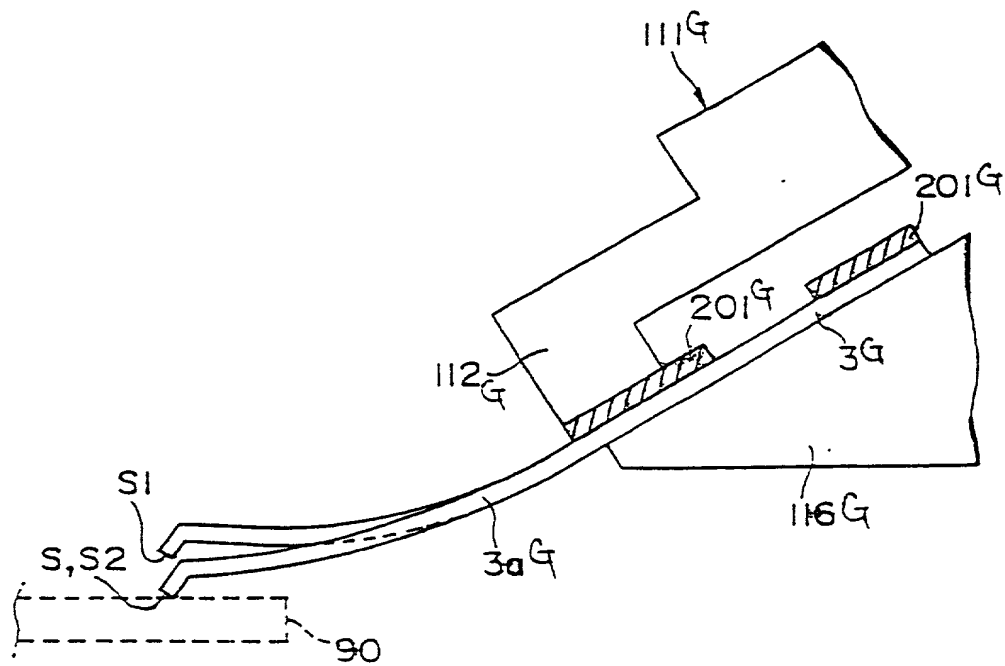


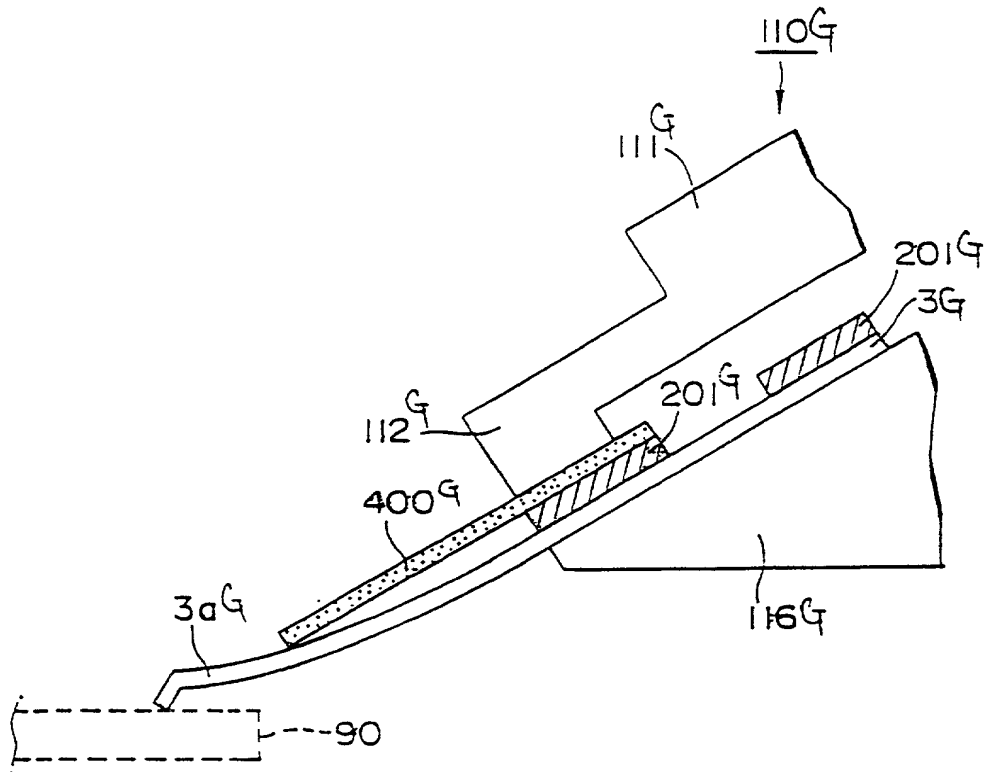
FIG. 42



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FIG. 43



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FIG. 44

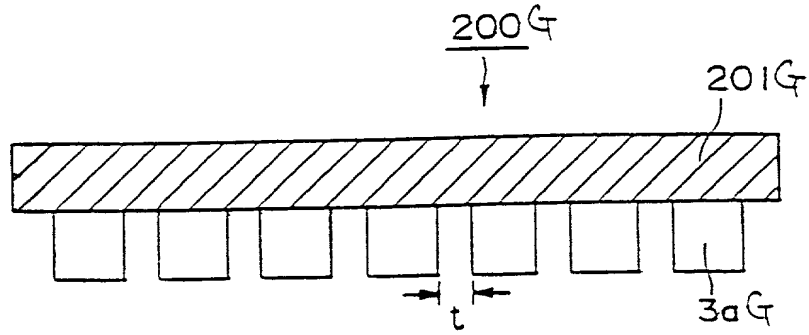


FIG. 45

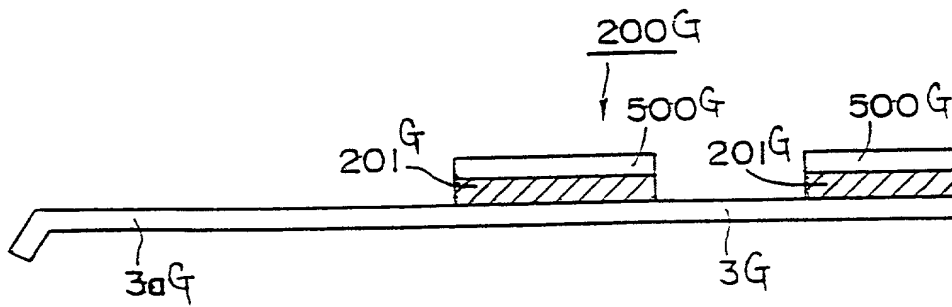


FIG. 46

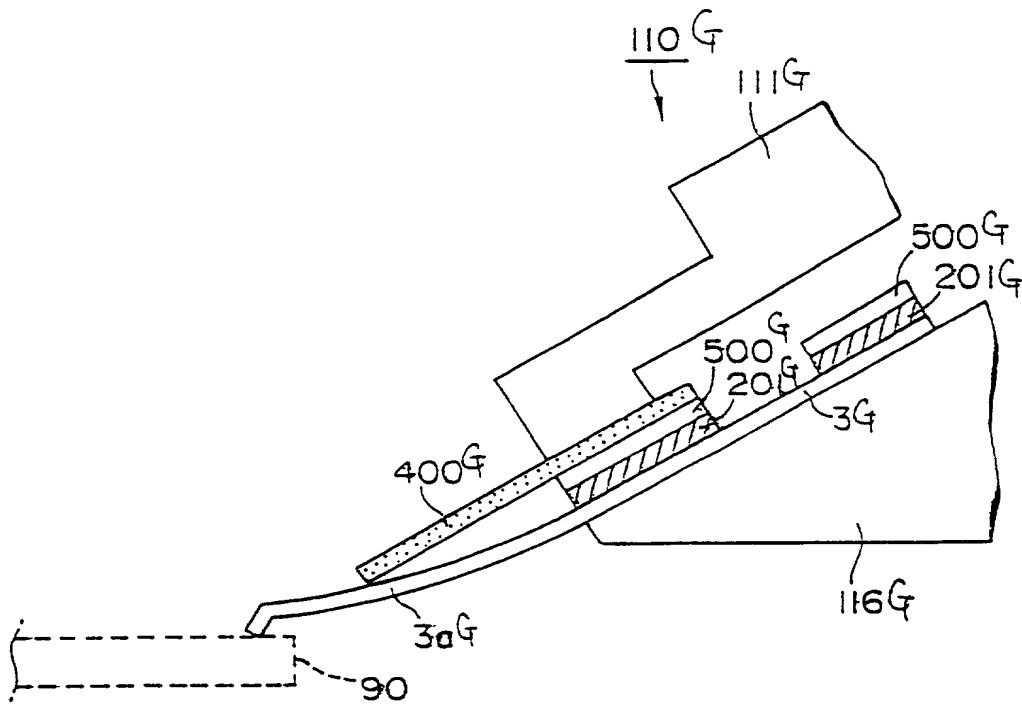


FIG. 47

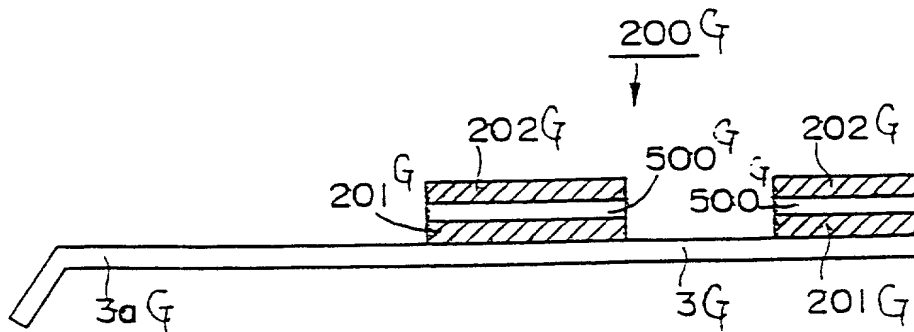


FIG. 48

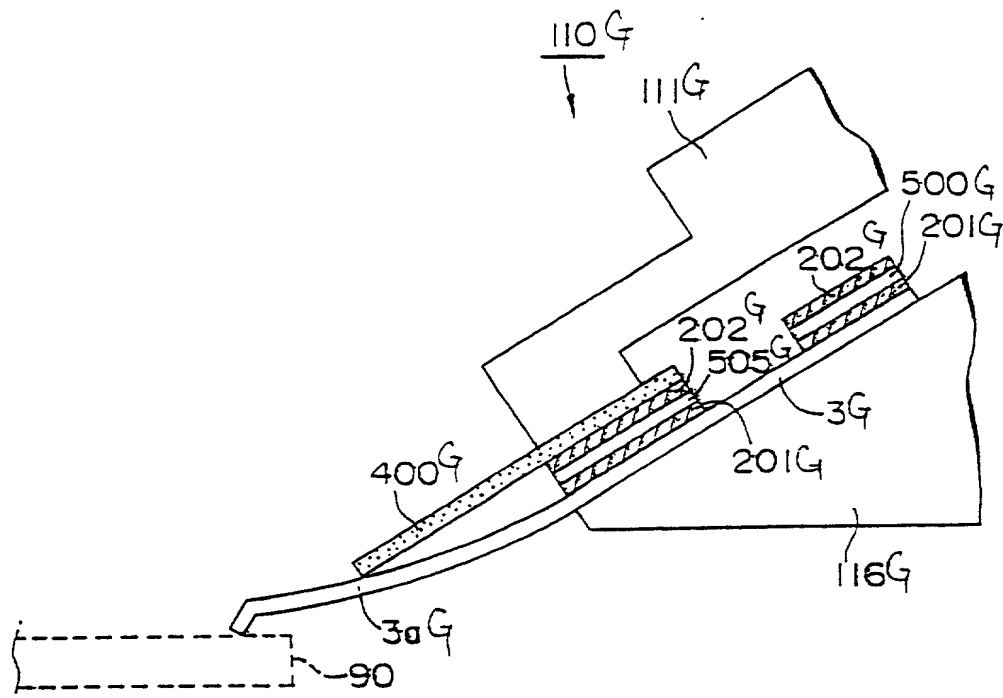


FIG. 49

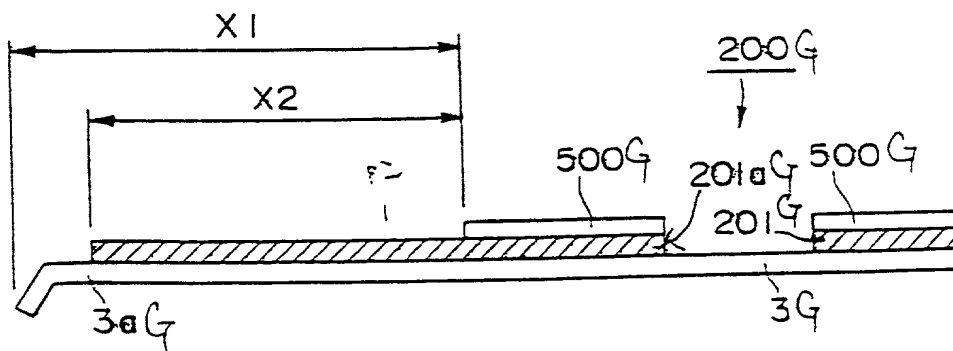


FIG. 50

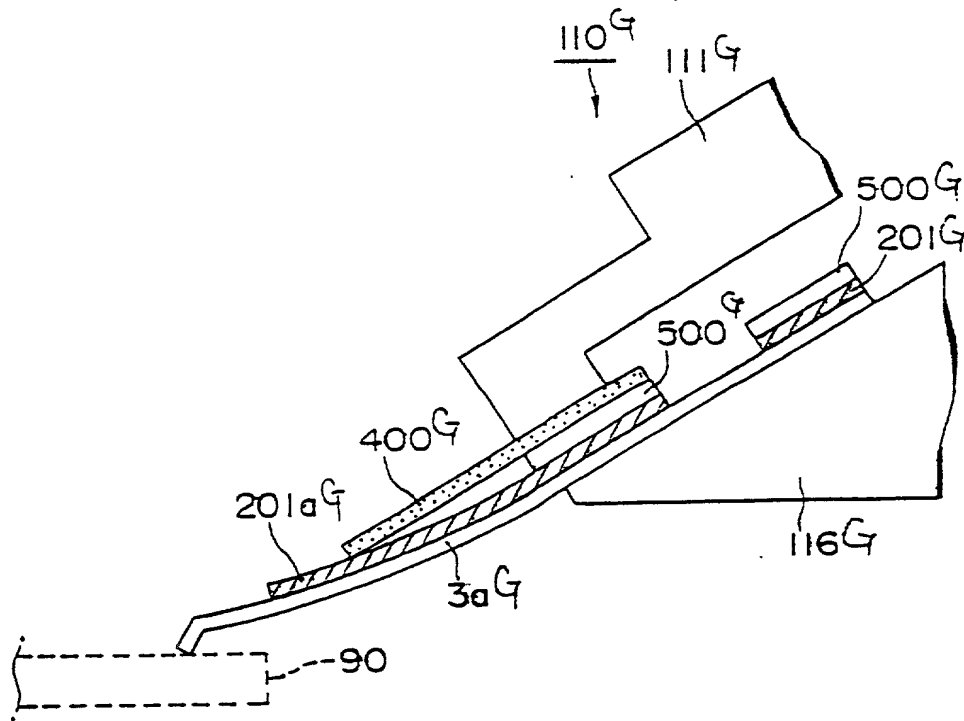


FIG. 51

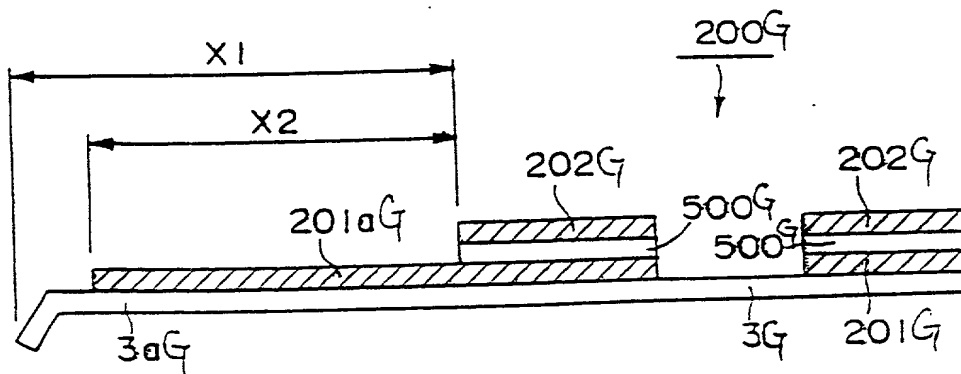


FIG. 52

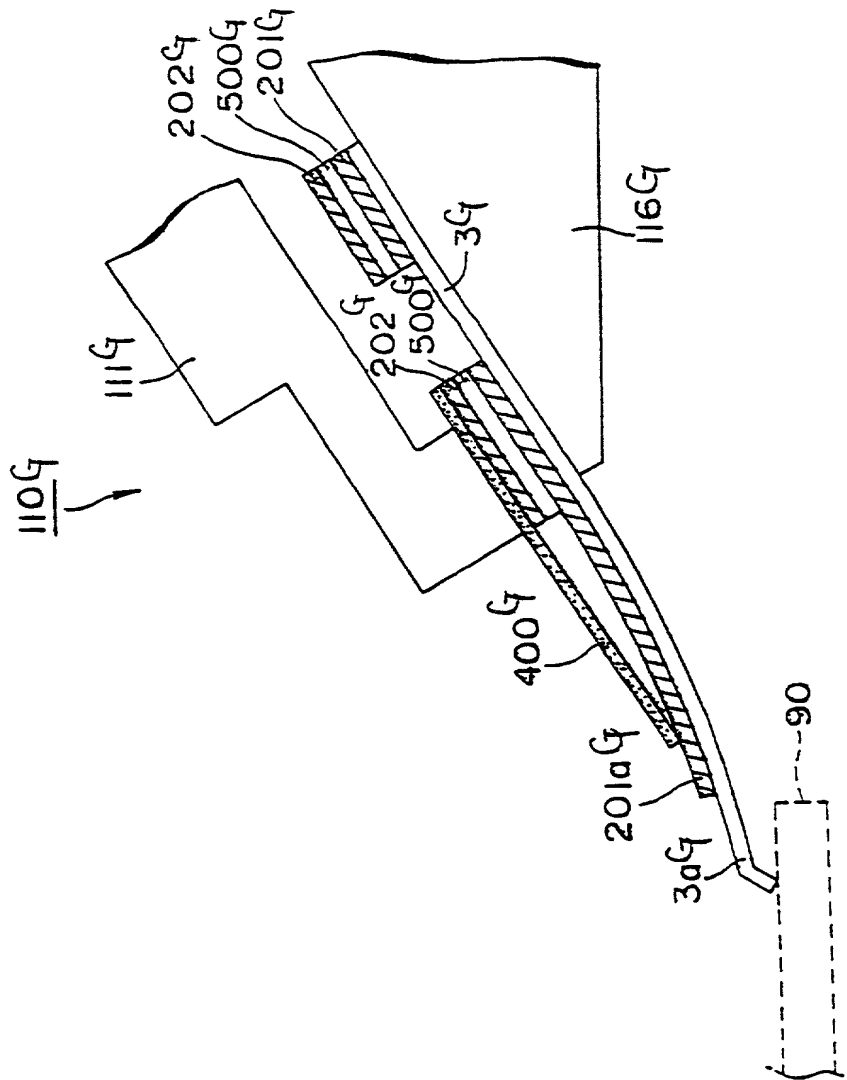


FIG. 53

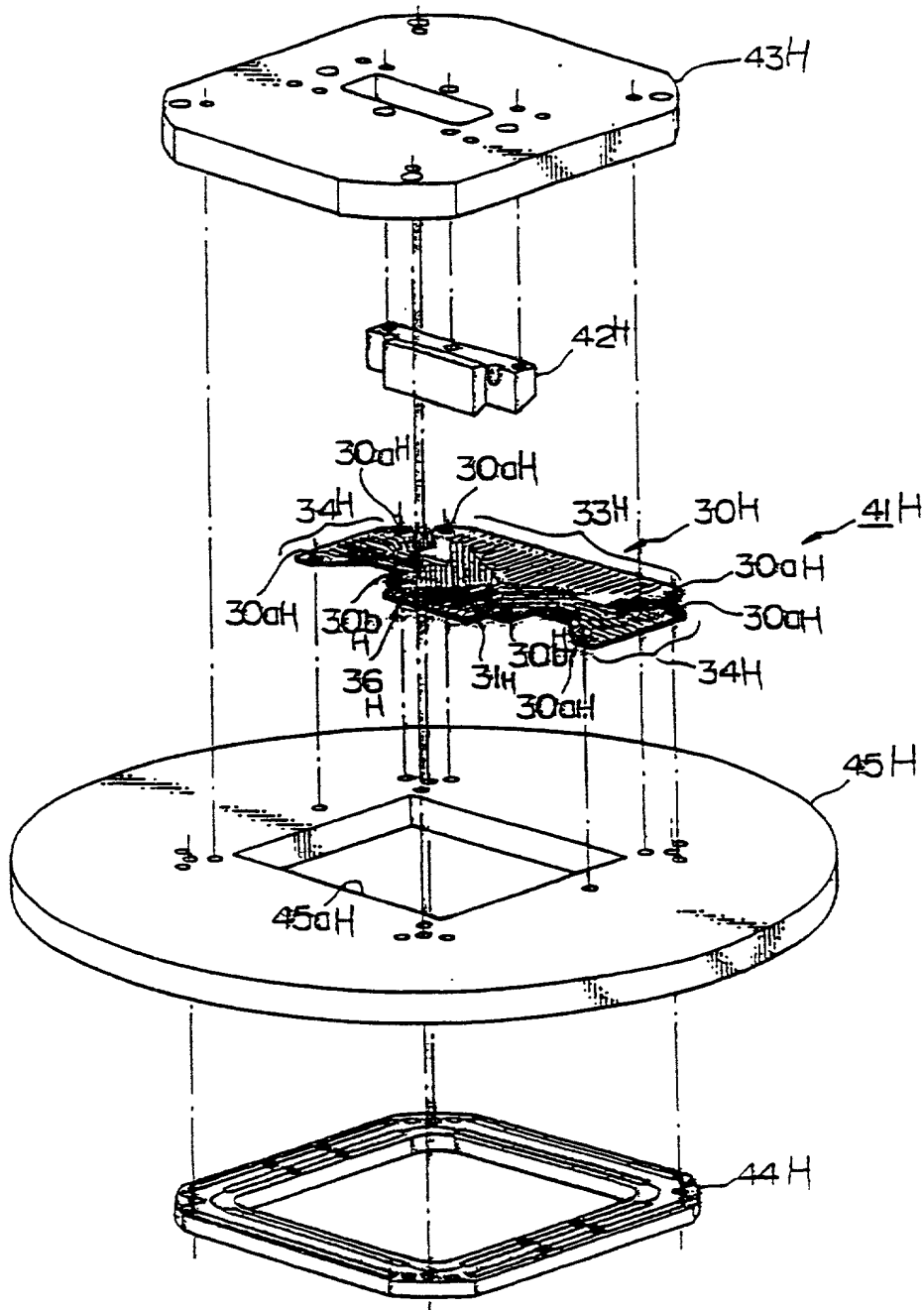
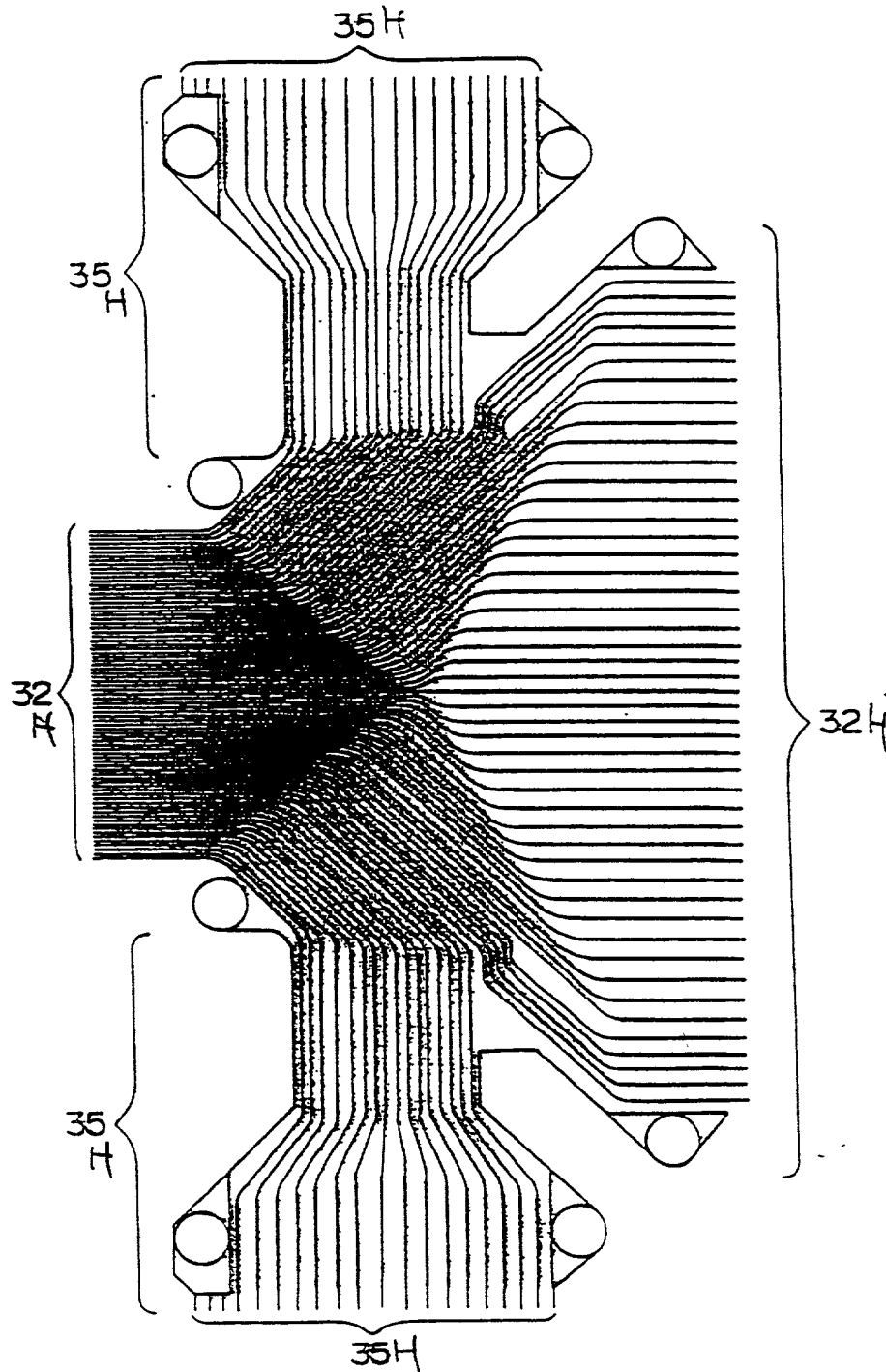


FIG. 54



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FIG. 55

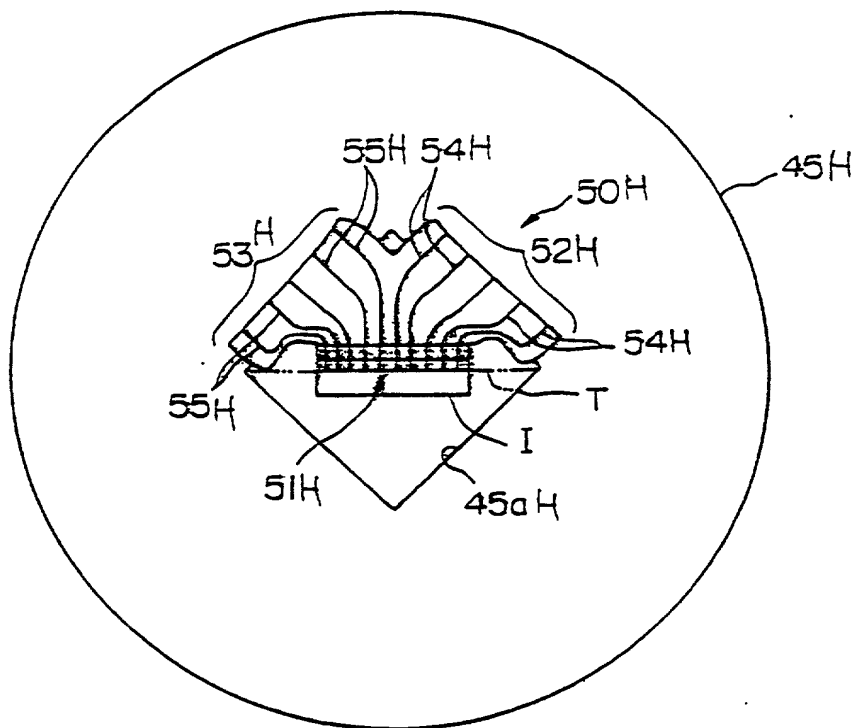
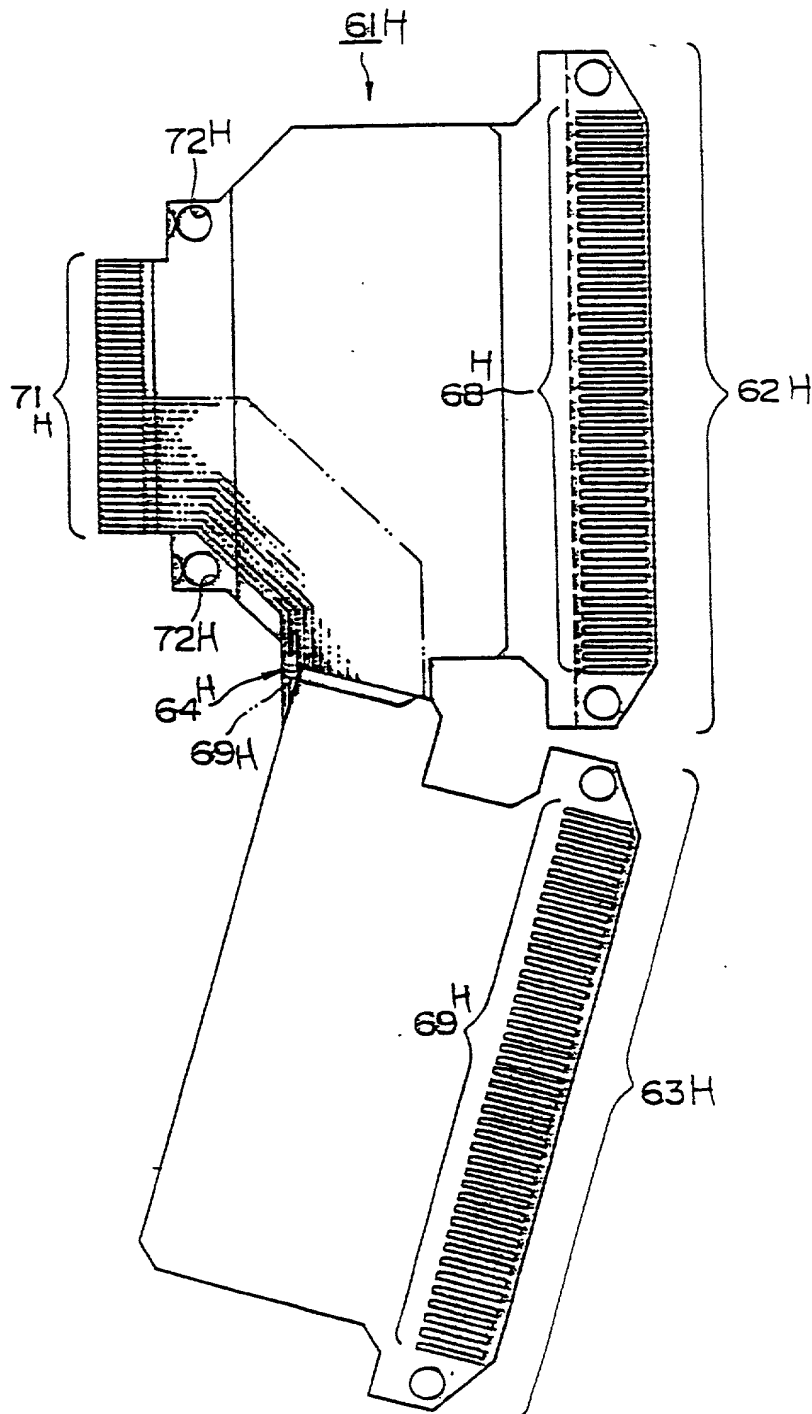
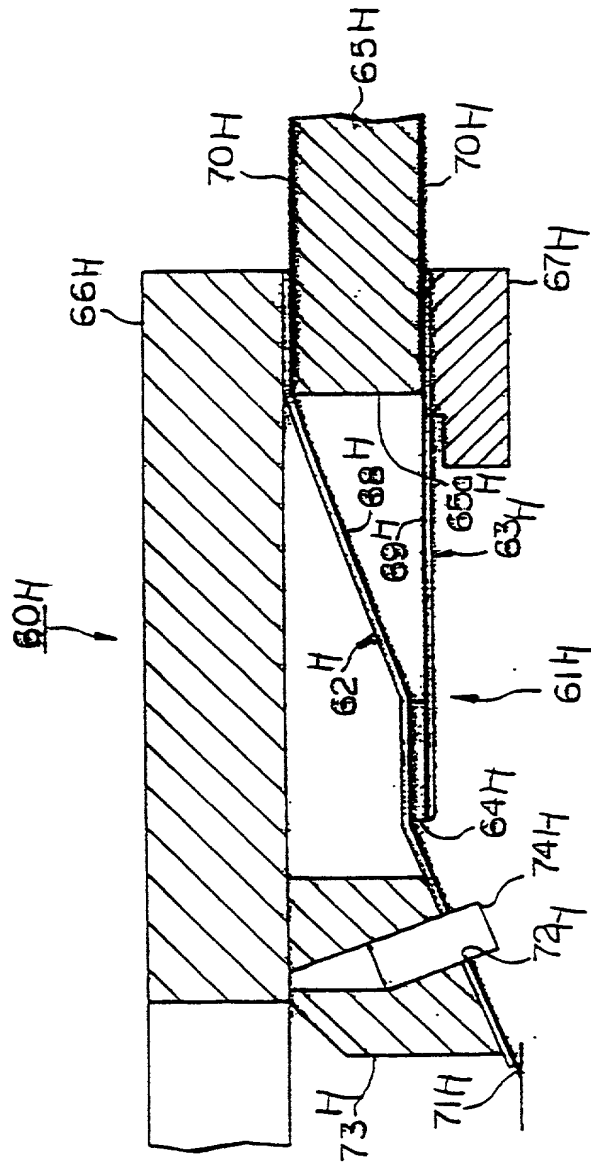


FIG. 56



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FIG. 57



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FIG. 58

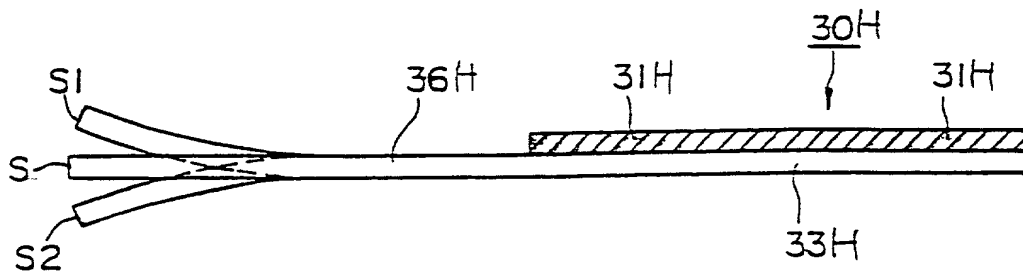


FIG. 59

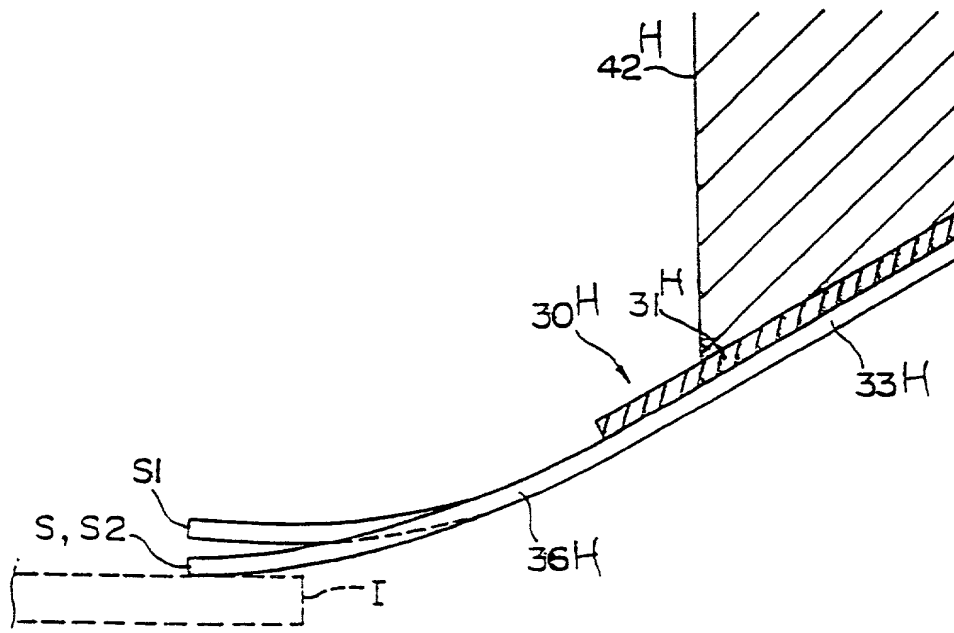


FIG. 60

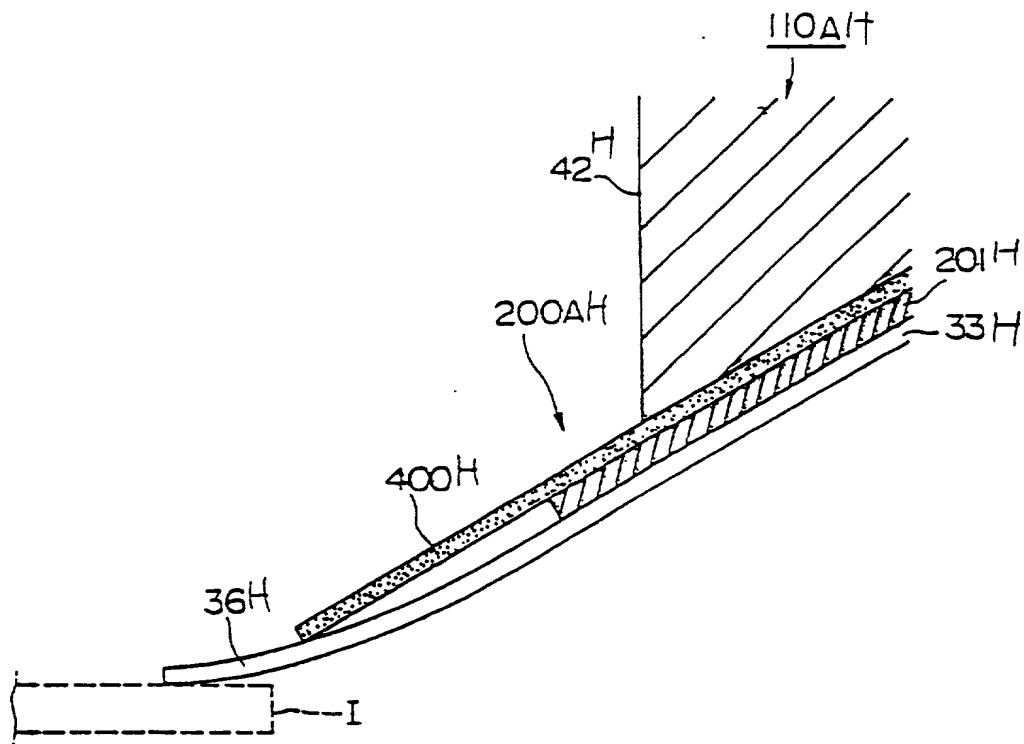


FIG. 61

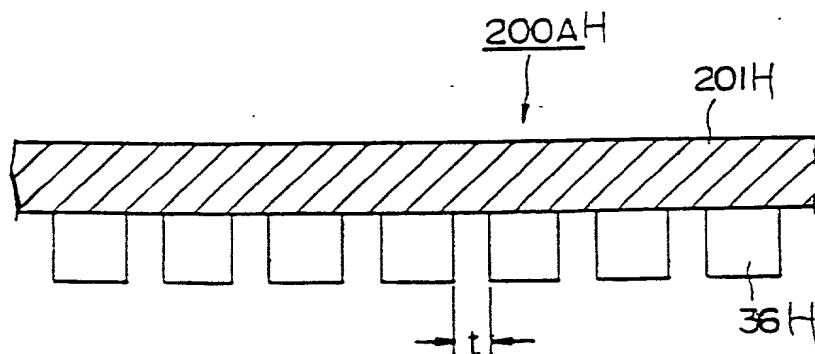


FIG. 62

FIG. 63

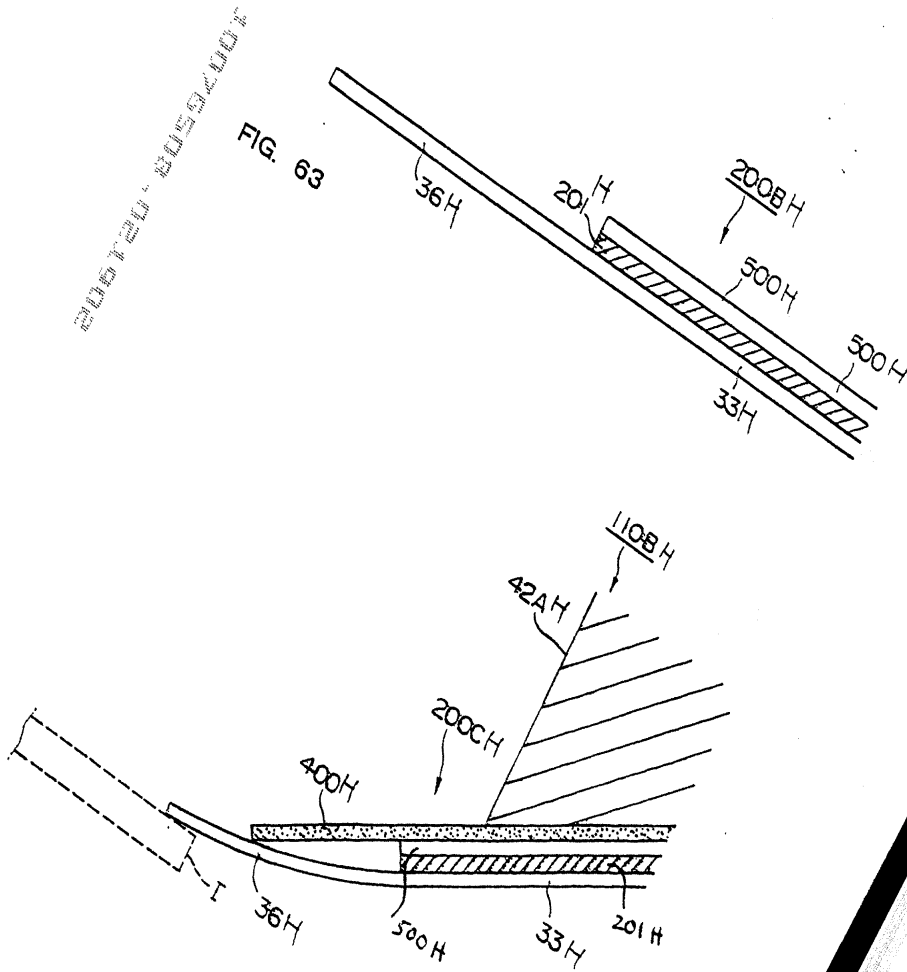


FIG. 64

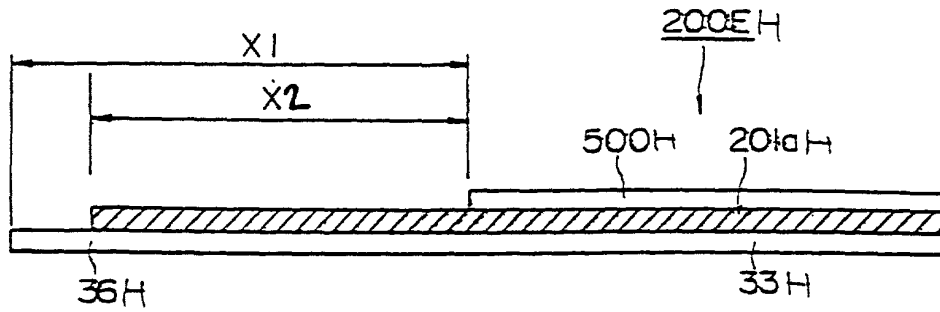


FIG. 65

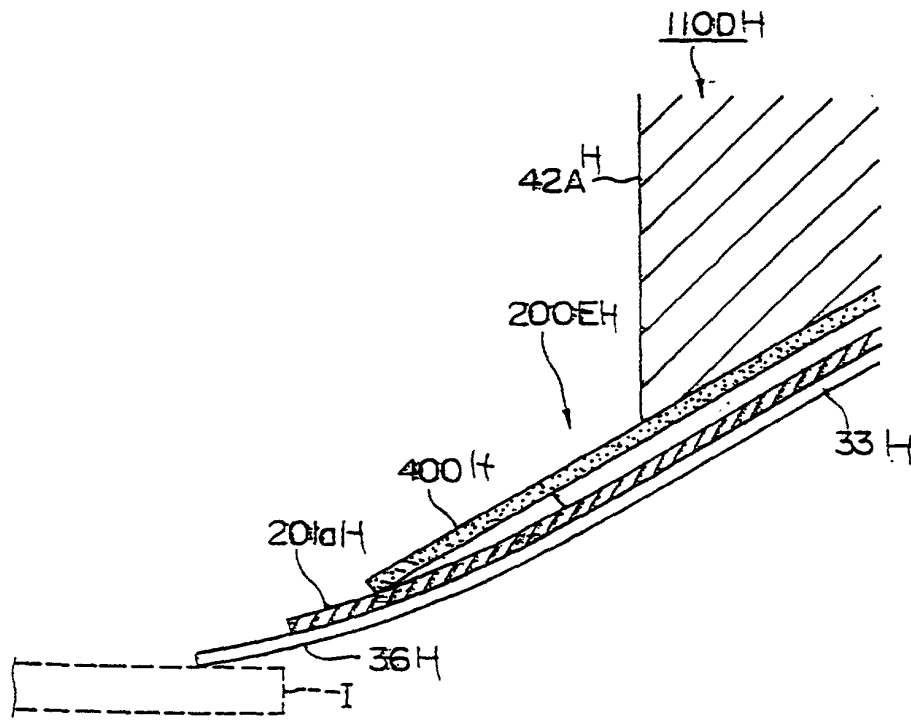
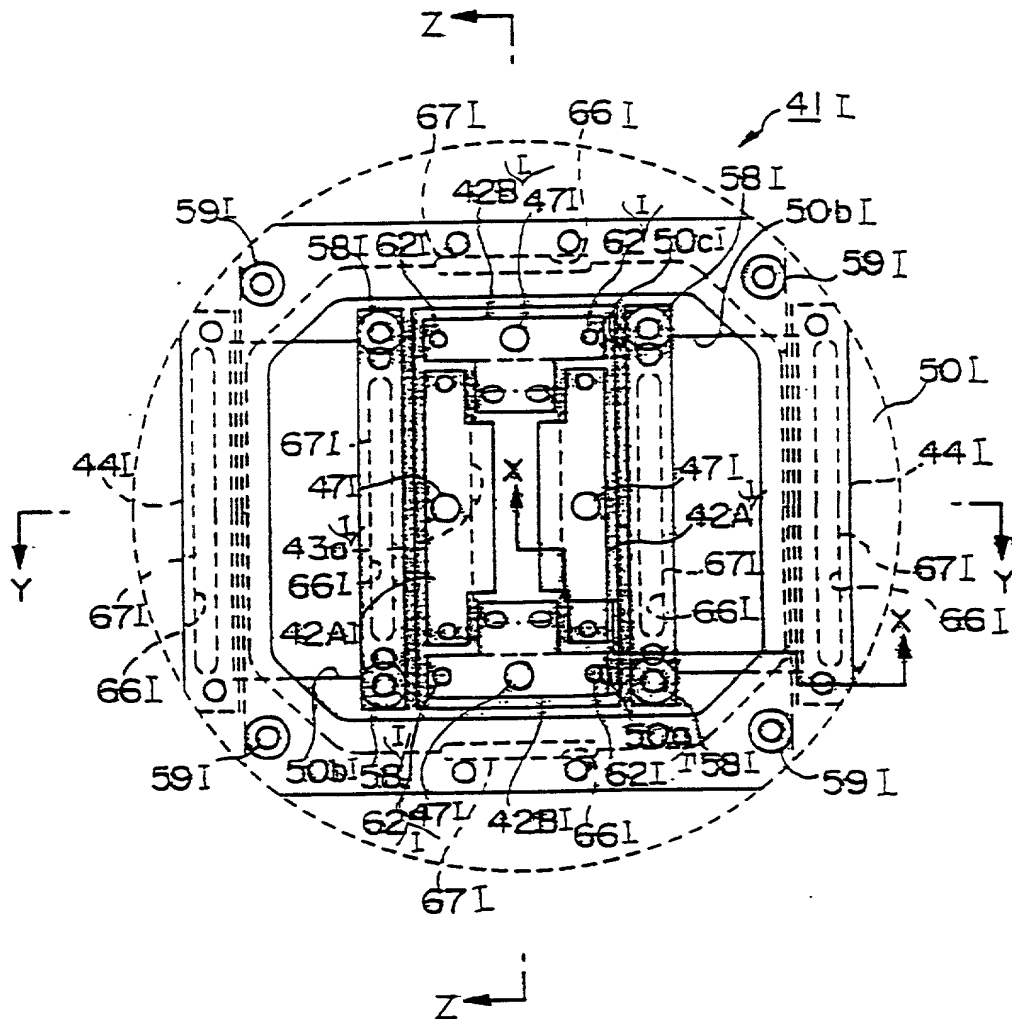


FIG. 66



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FIG. 67

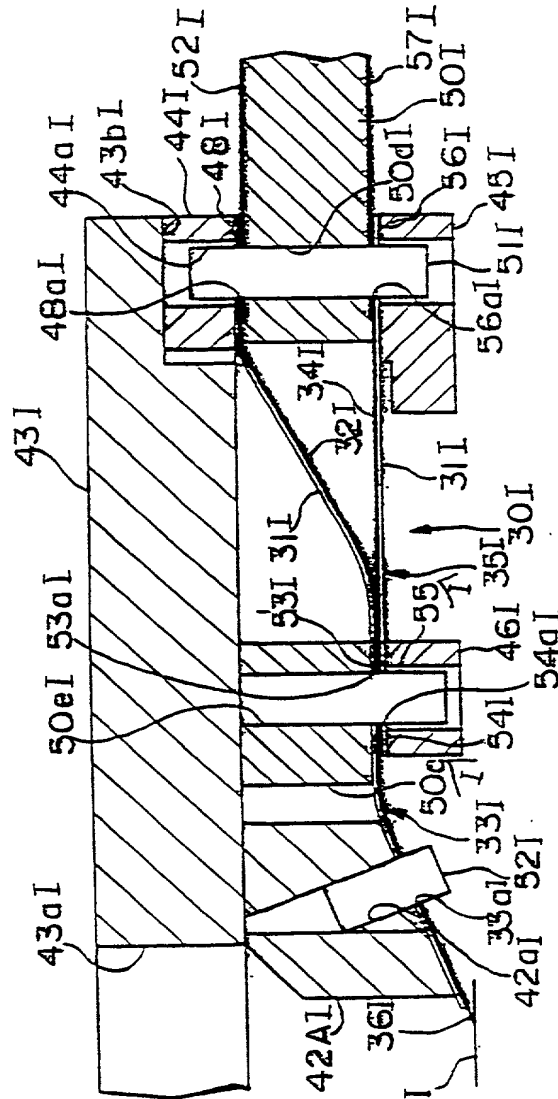


FIG. 68

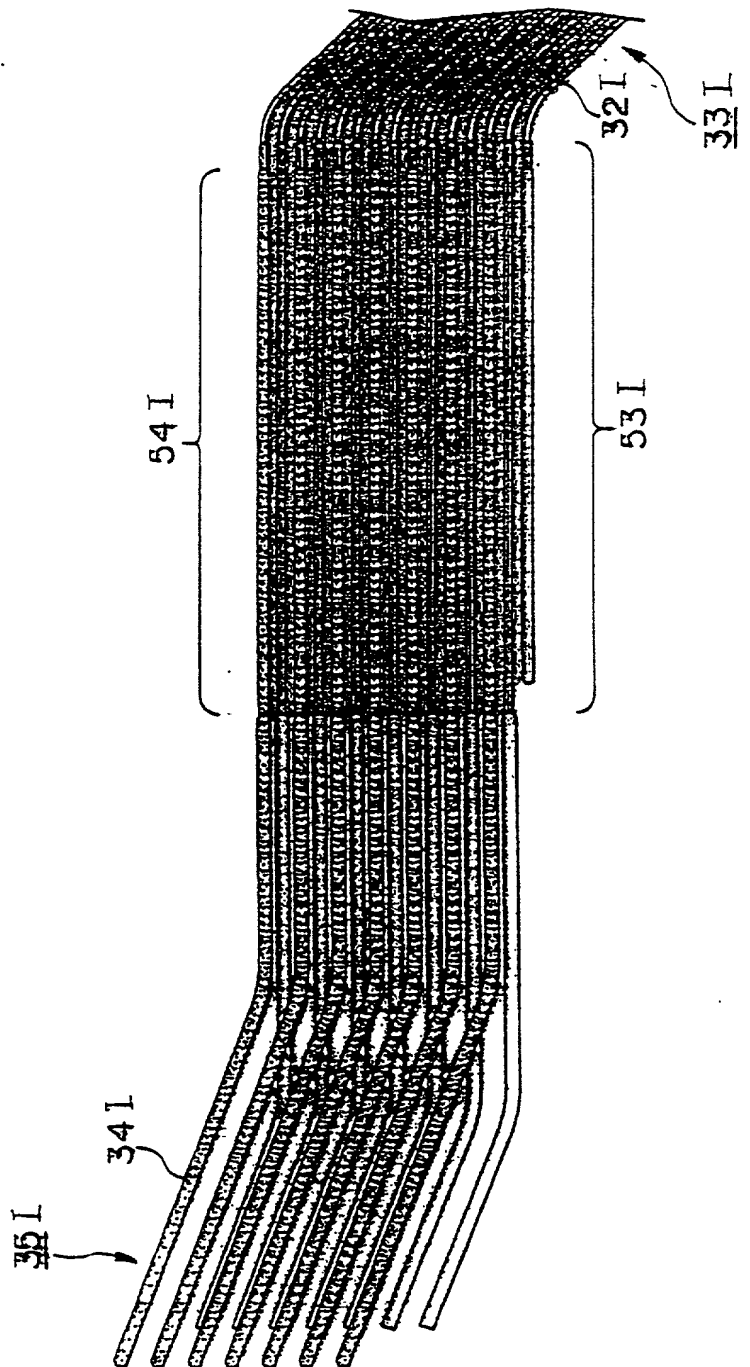
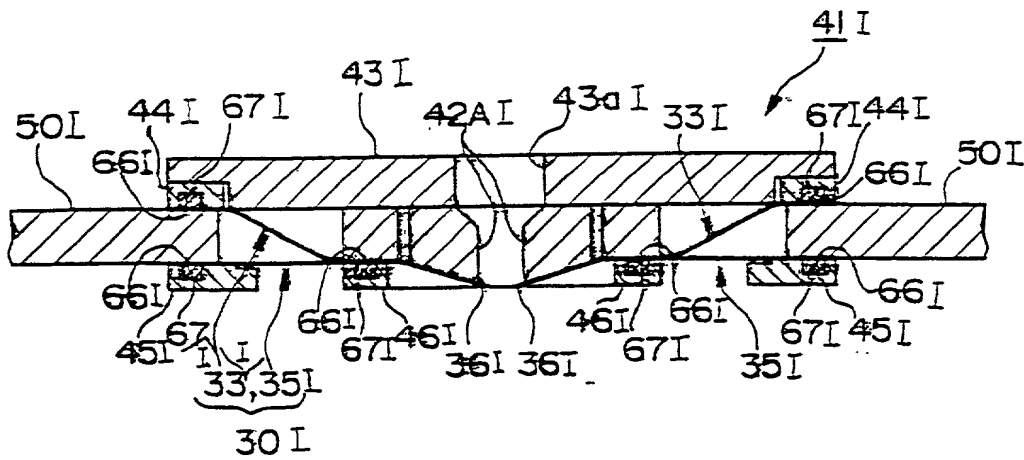
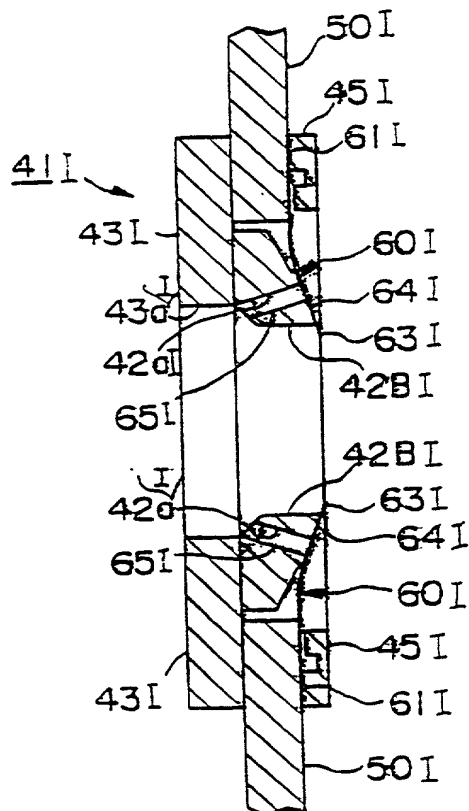


FIG. 69



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FIG. 70



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FIG. 71

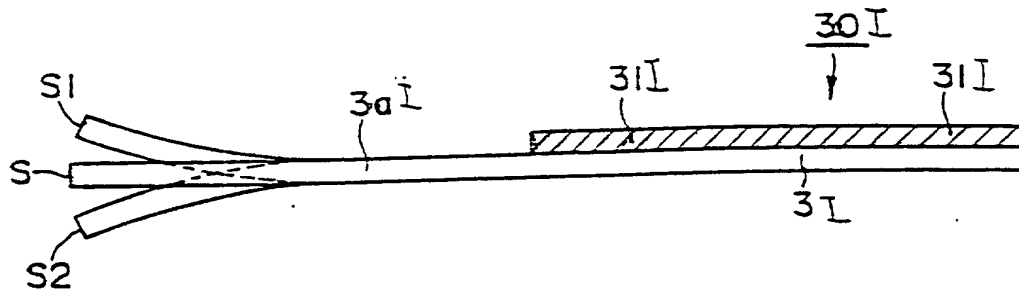
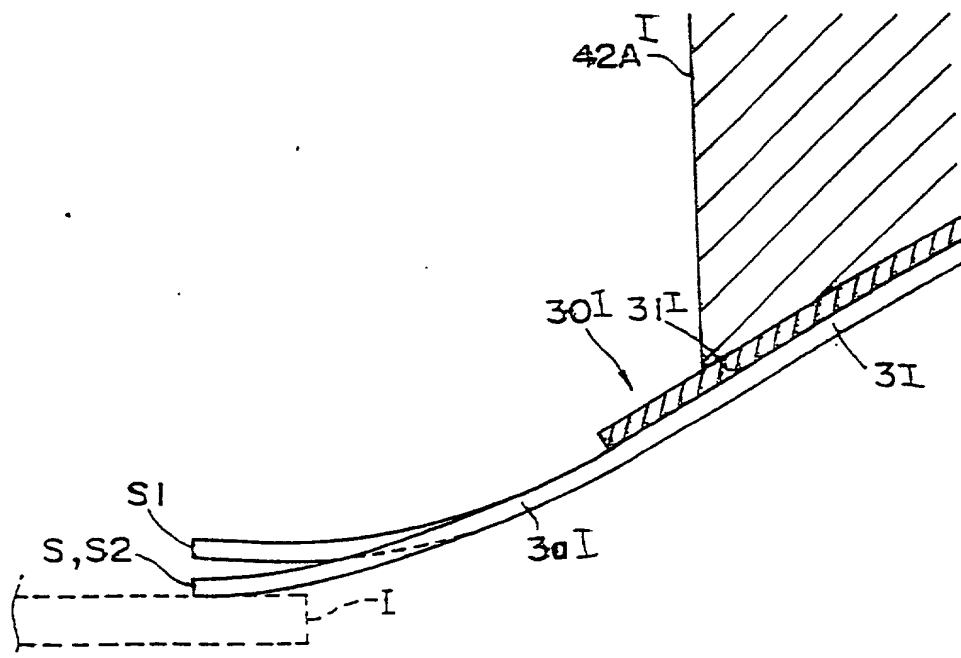


FIG. 72



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FIG. 73

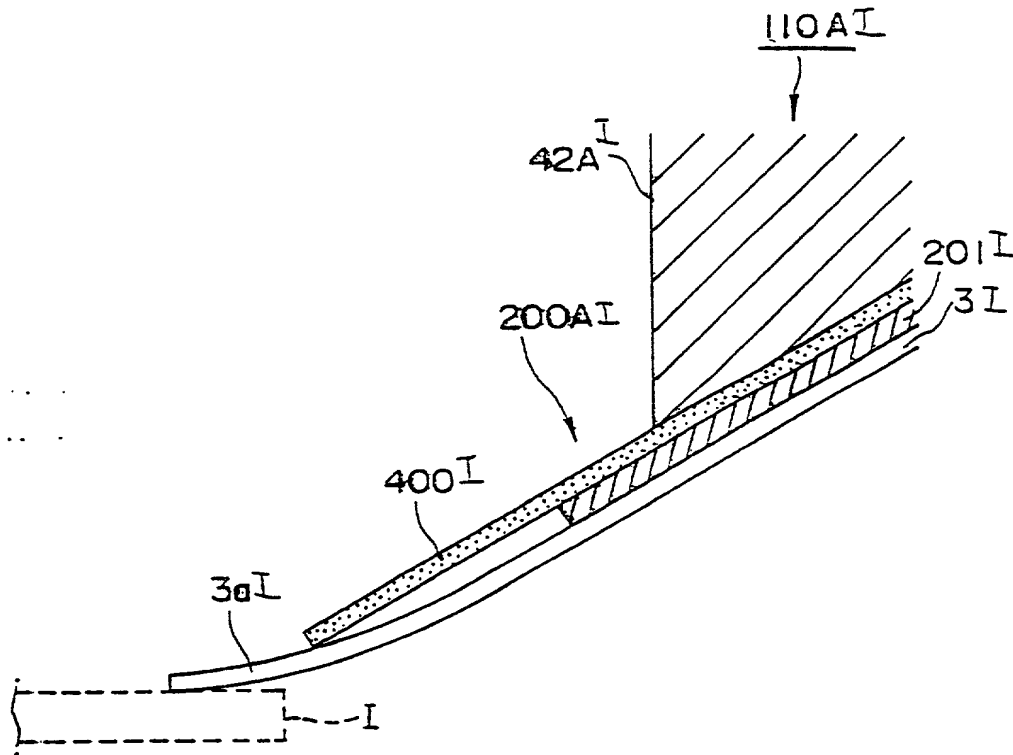


FIG. 74

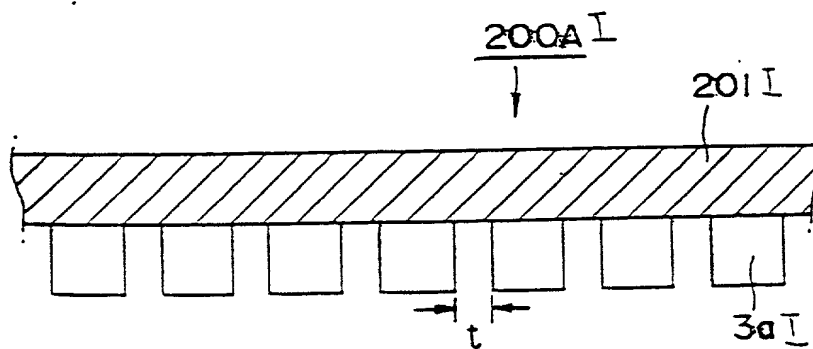


FIG. 75

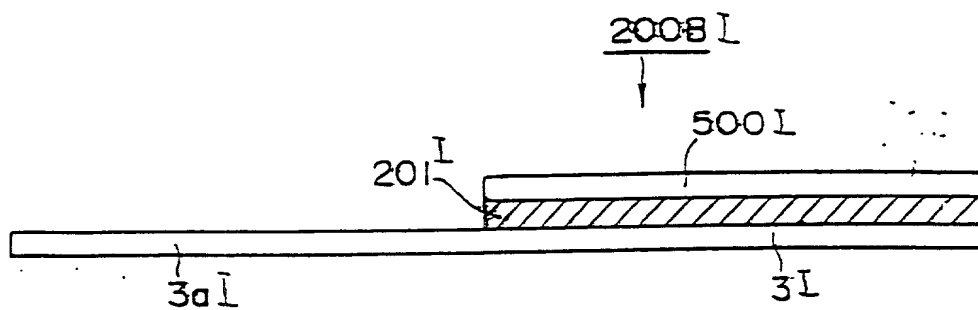


FIG. 76

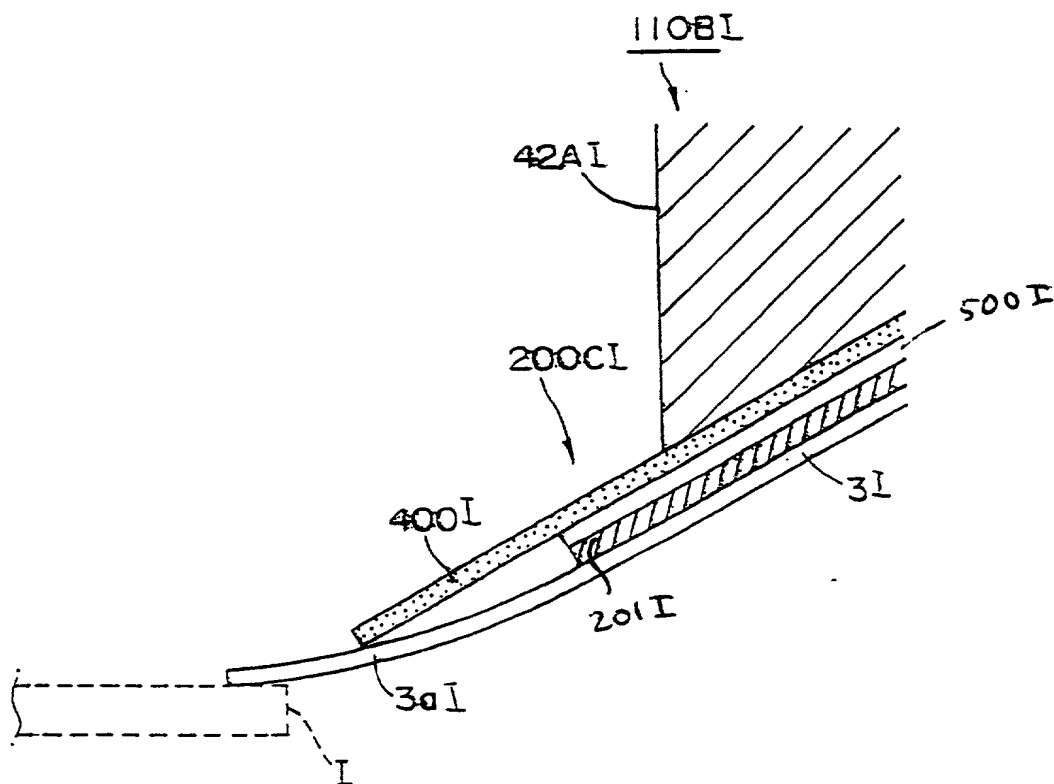


FIG. 77

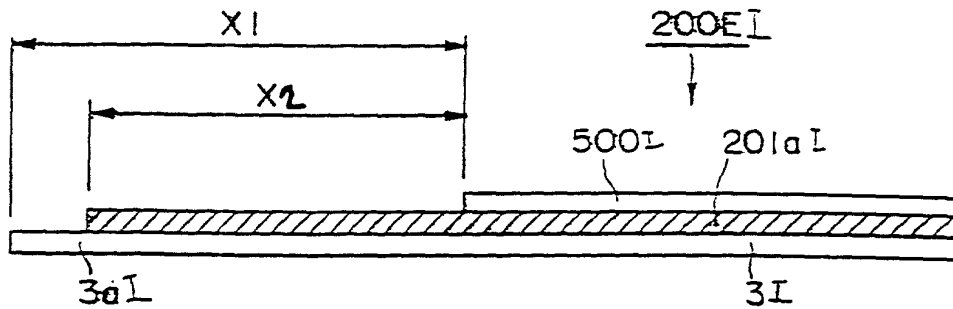
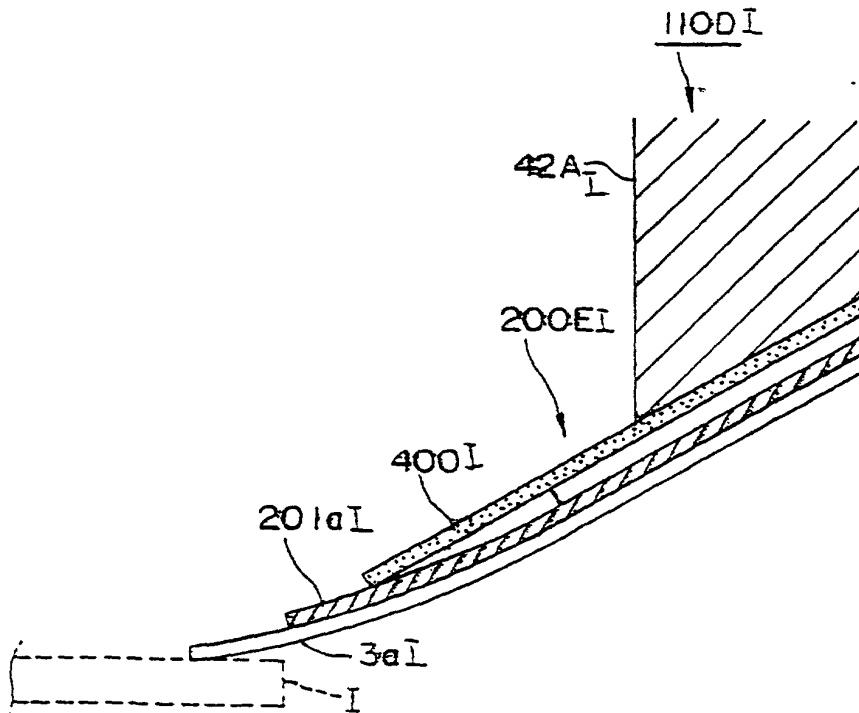


FIG. 78



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FIG. 79

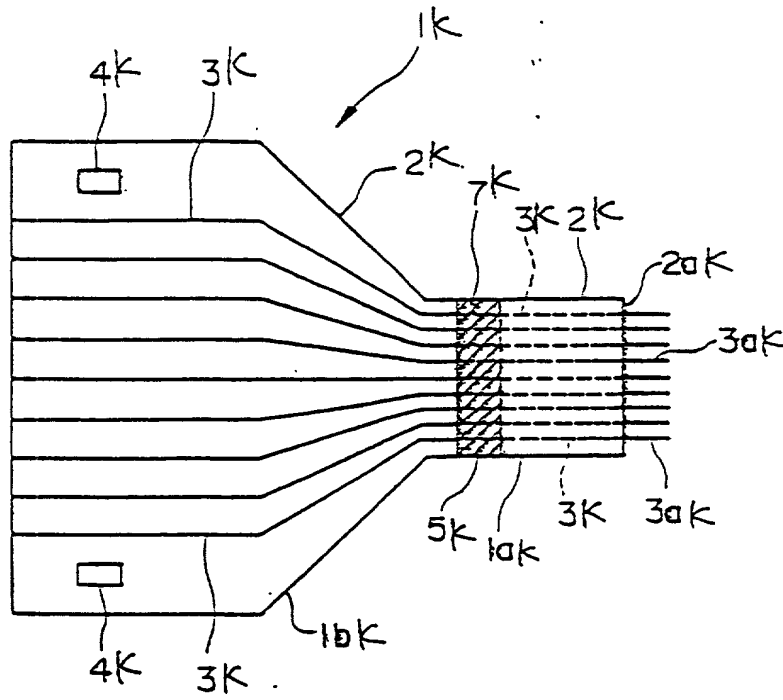
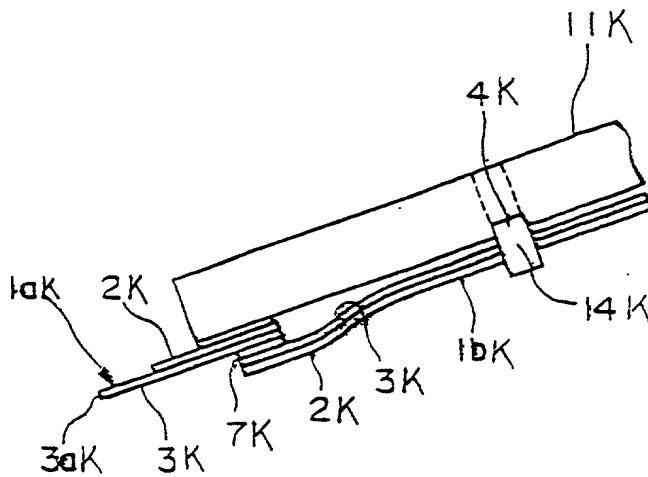


FIG. 80



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FIG. 81

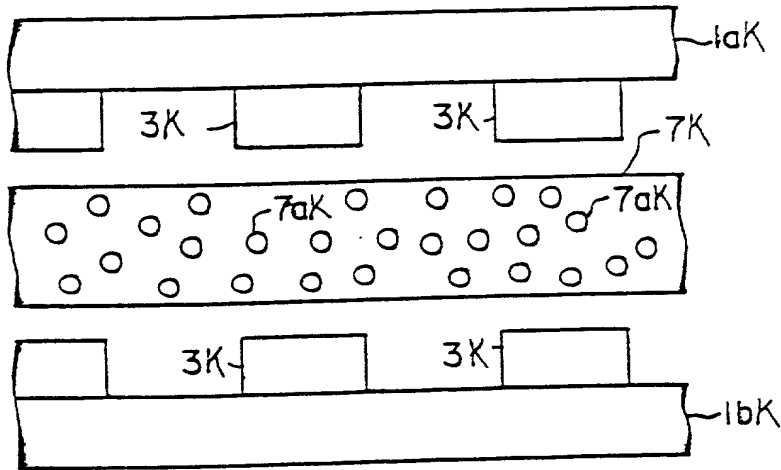


FIG. 82

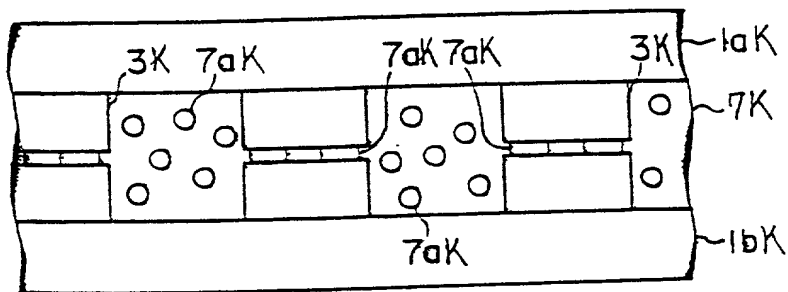


FIG. 83

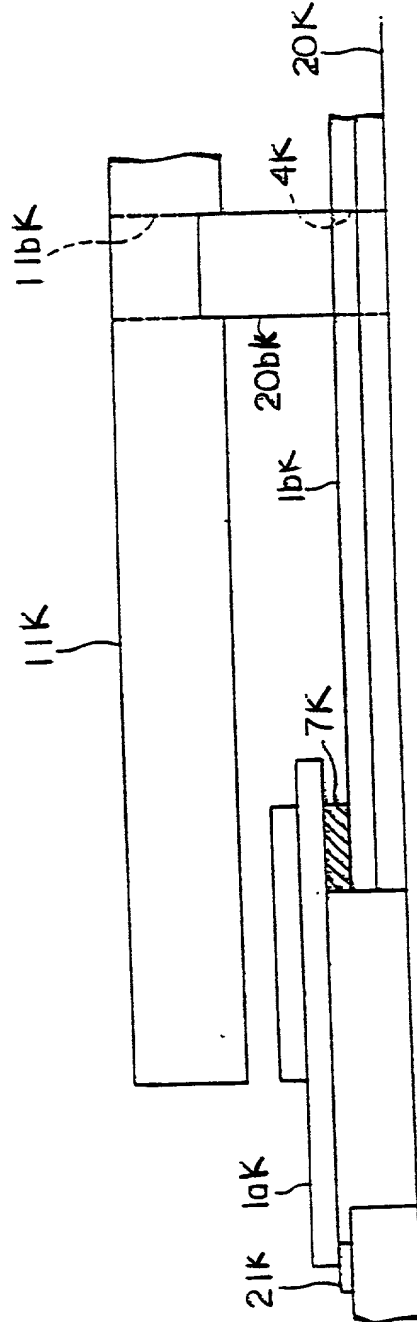




FIG. 85

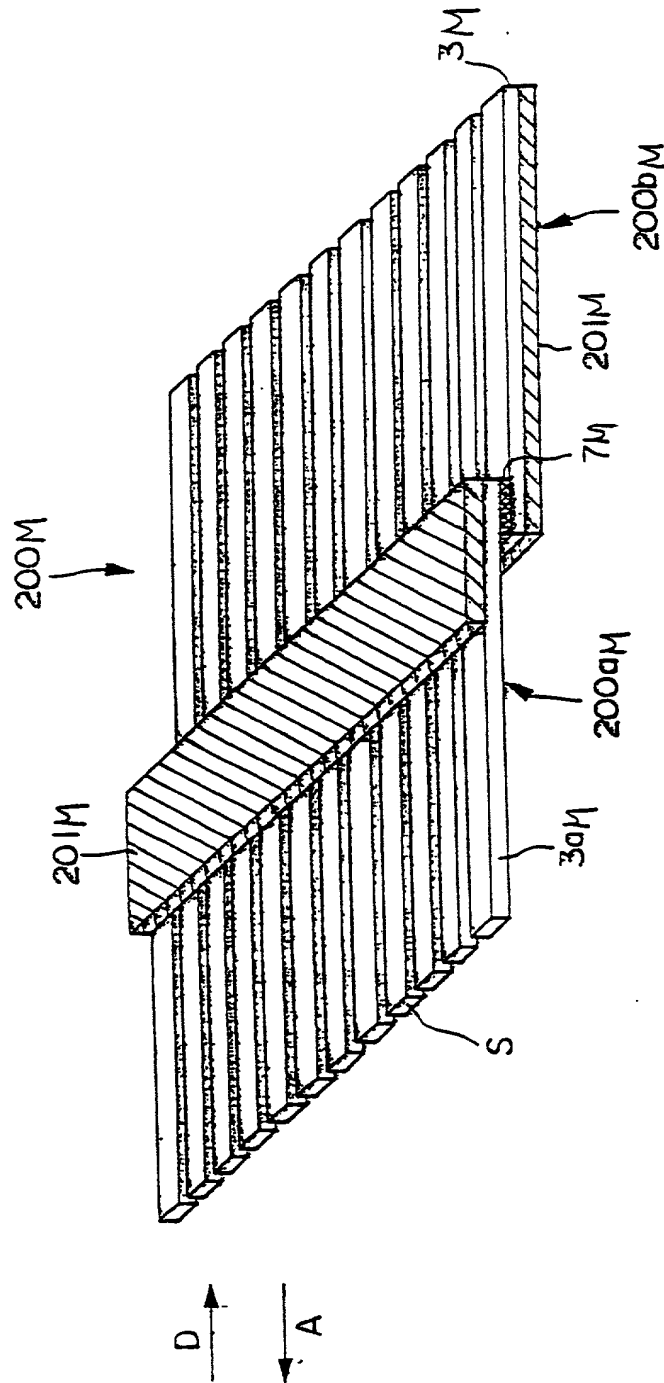


FIG. 86

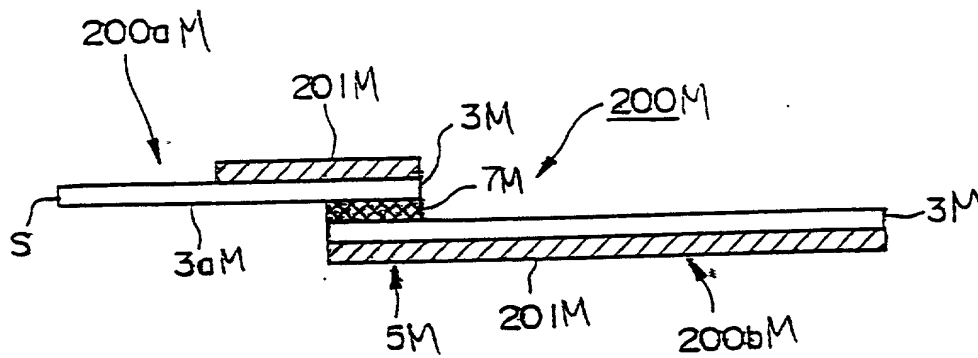


FIG. 87

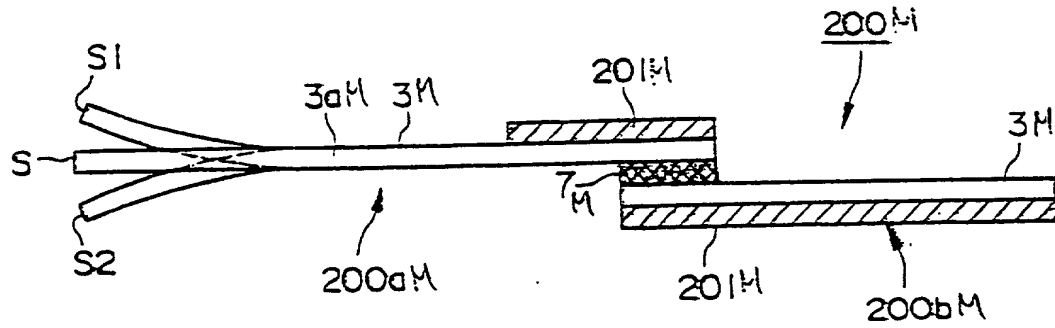


FIG. 88

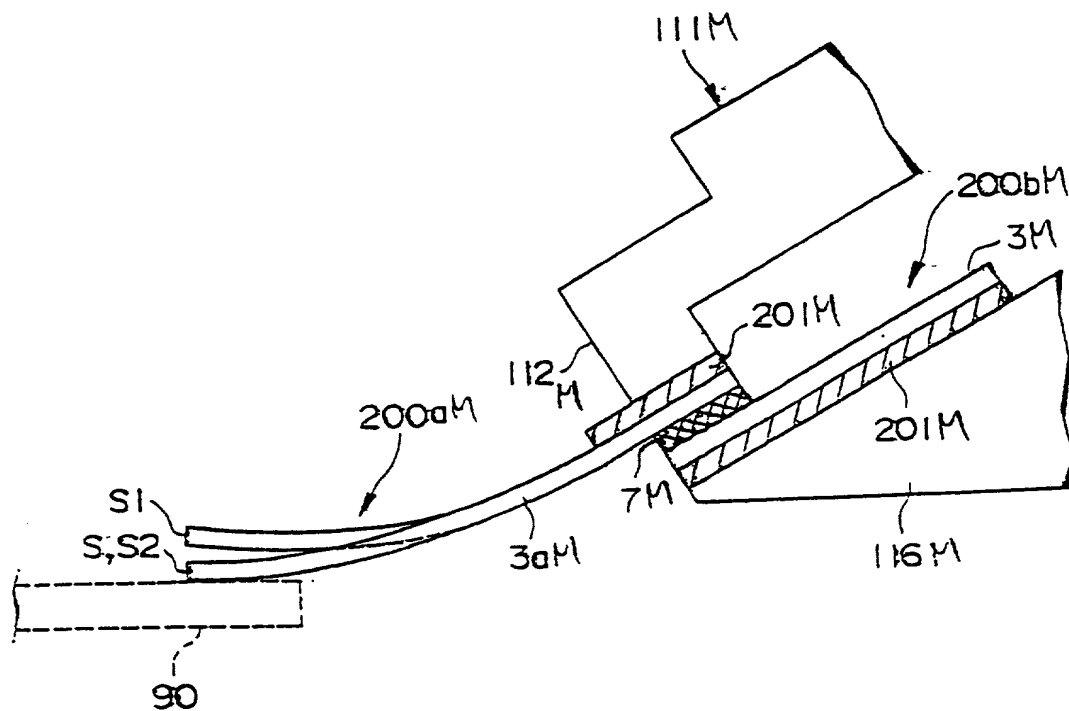


FIG. 89

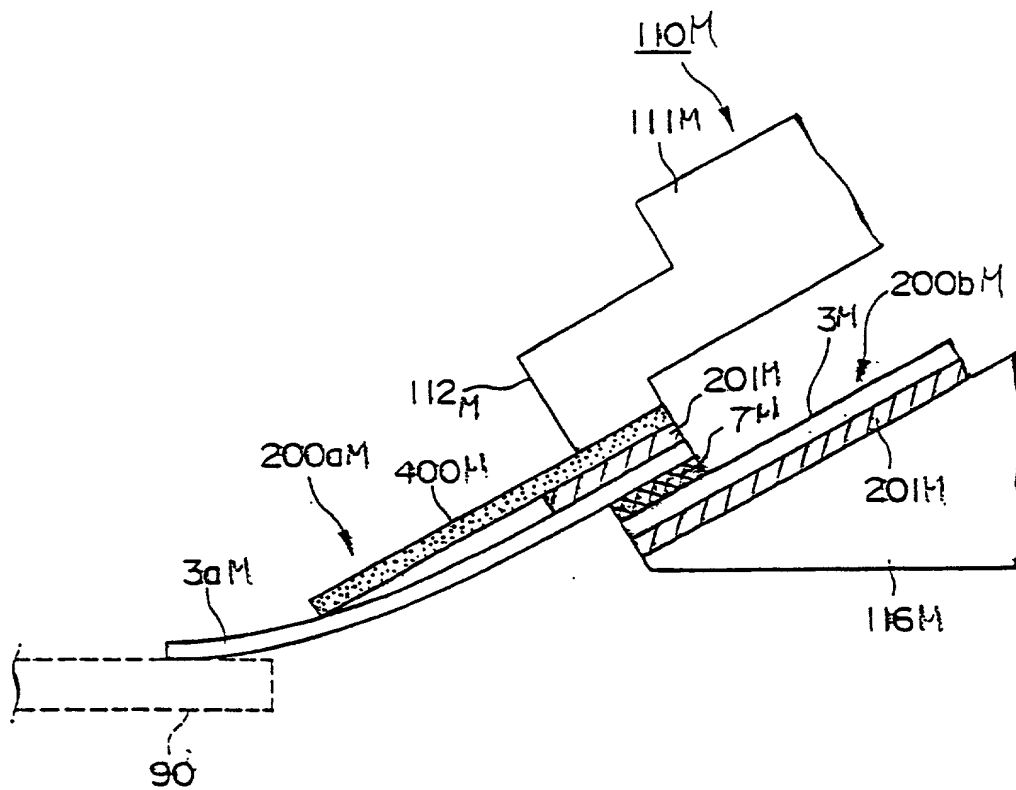




FIG. 90

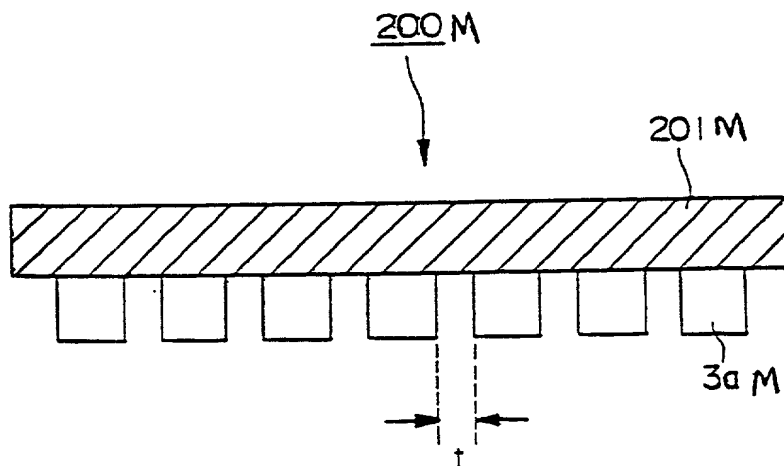


FIG. 91

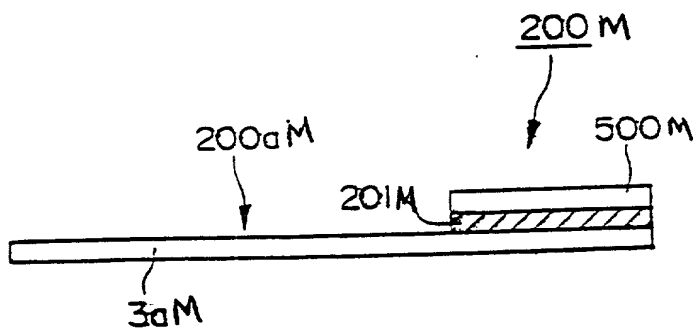




FIG. 94

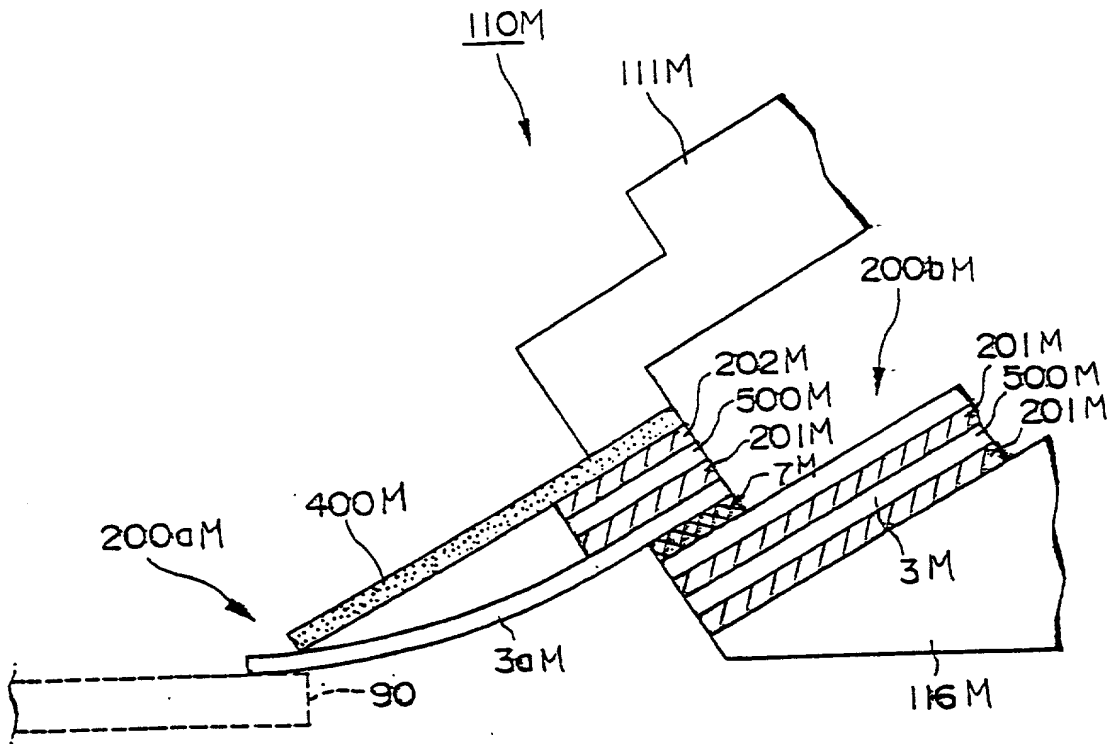


FIG. 95

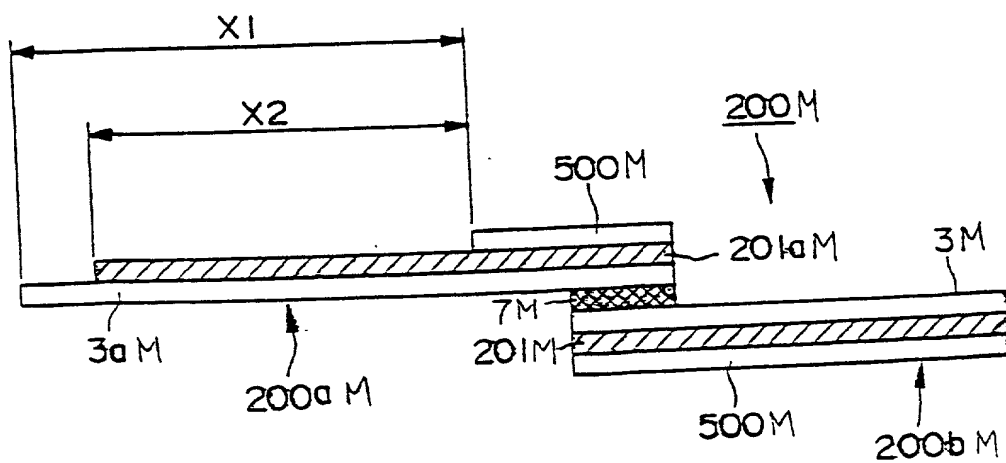


FIG. 96

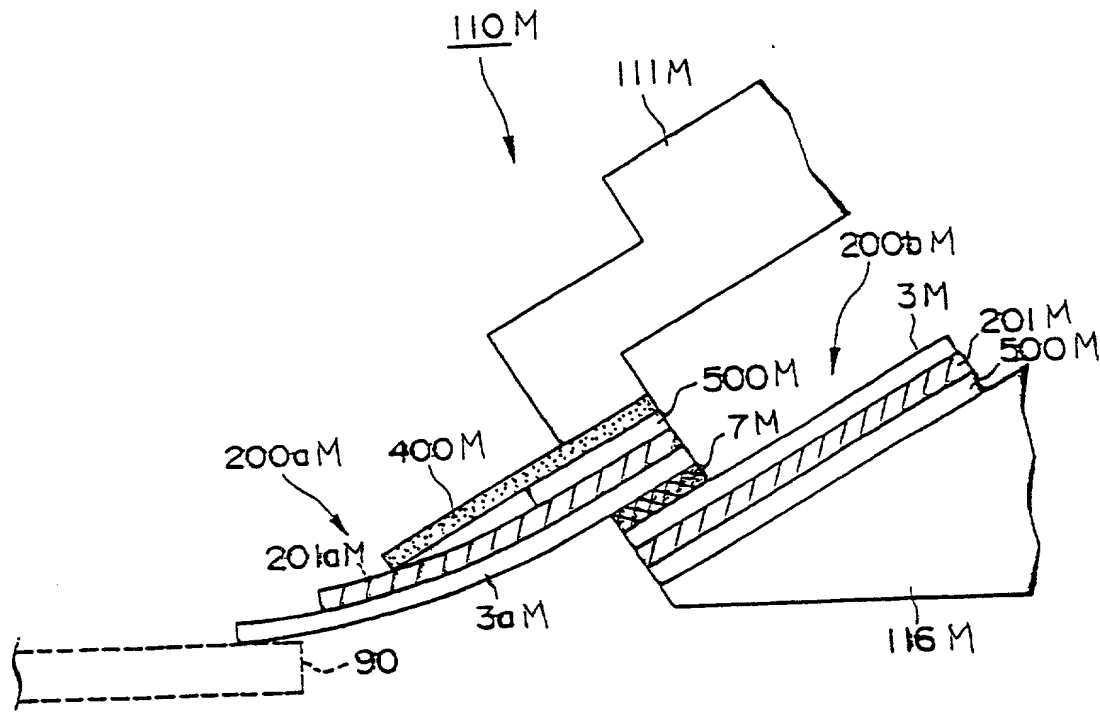


FIG. 97

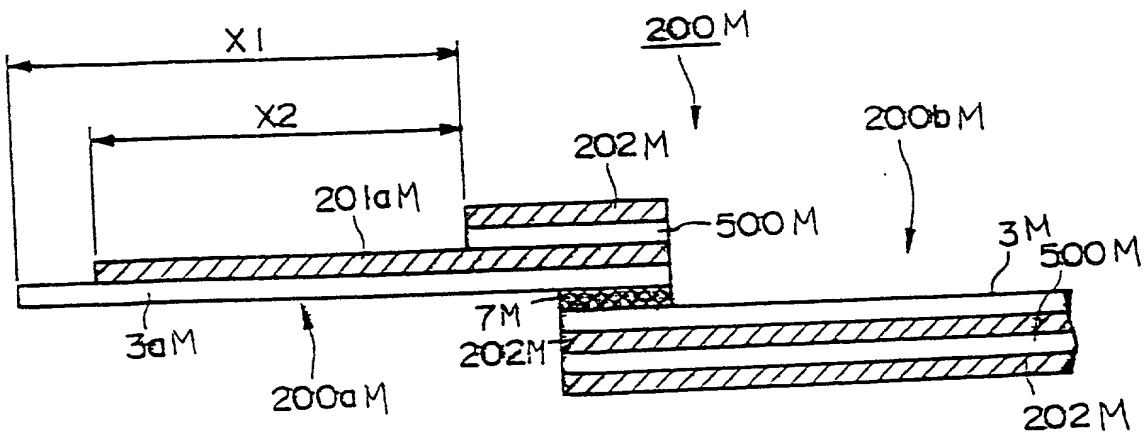


FIG. 98

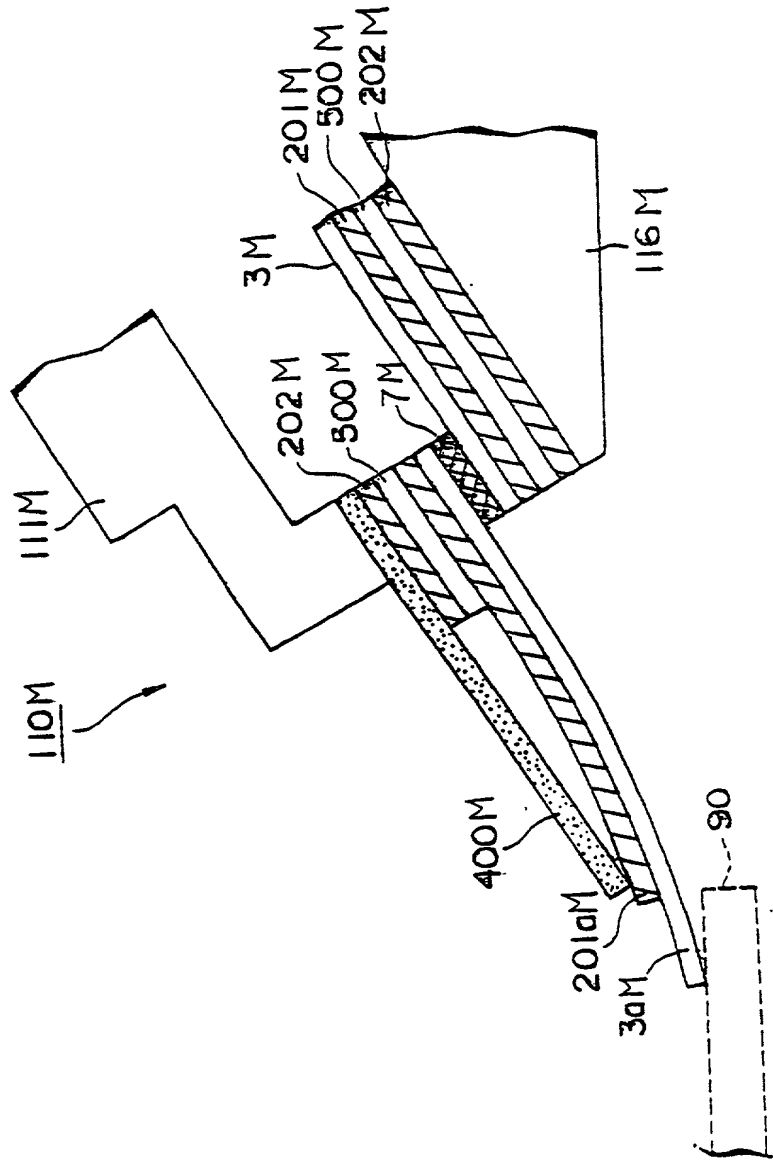


FIG. 99

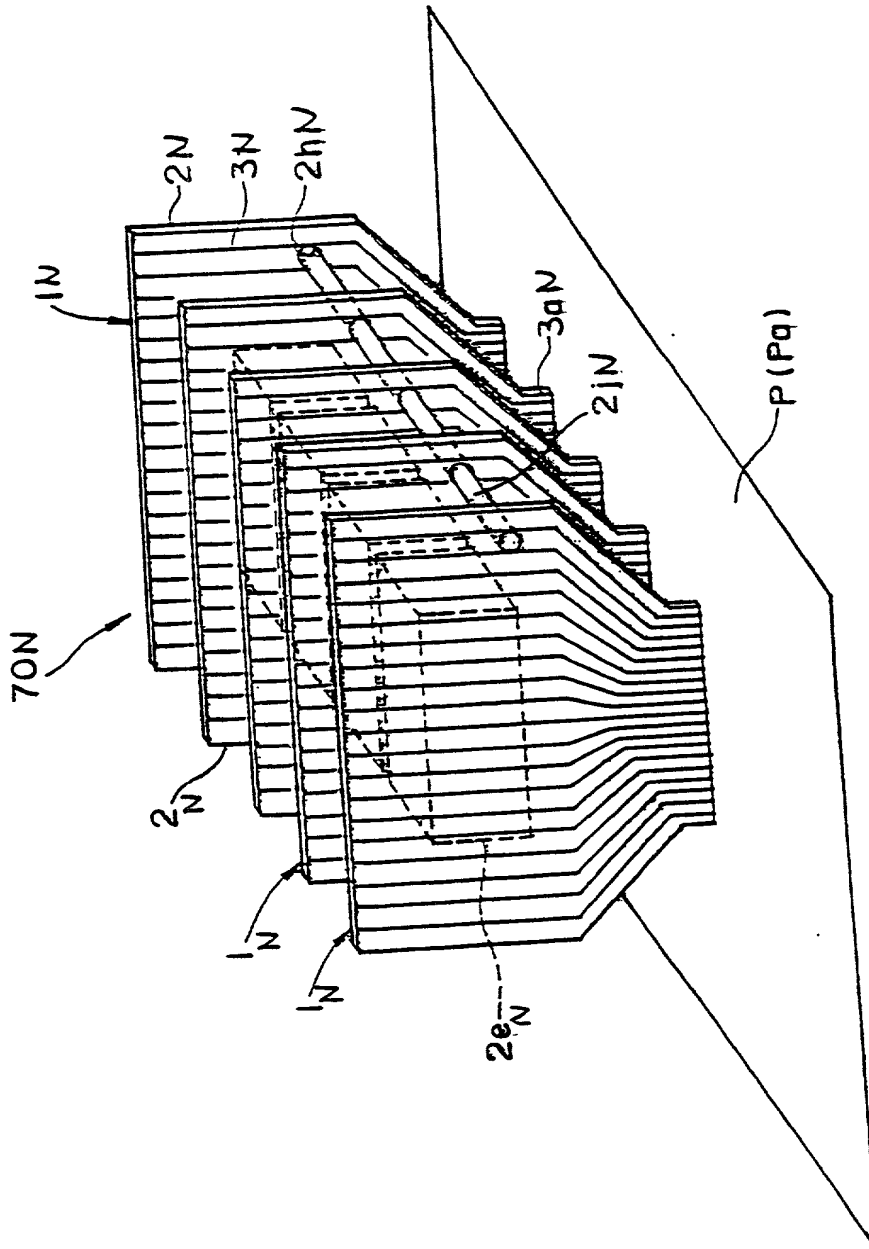


Fig. 100

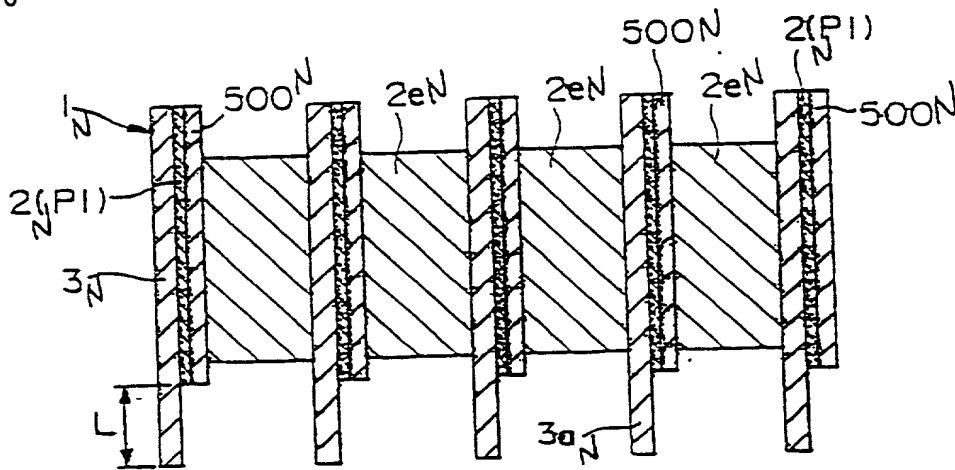
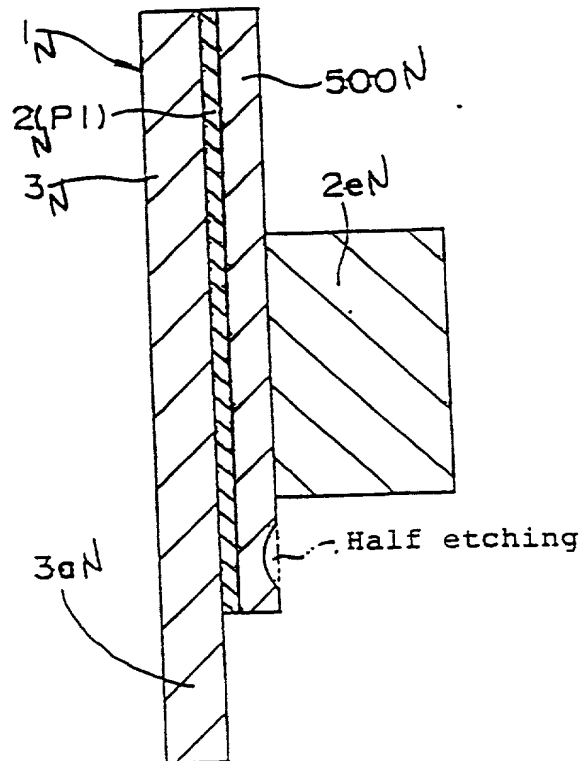


Fig. 101



20051201 805592001



FIG. 102

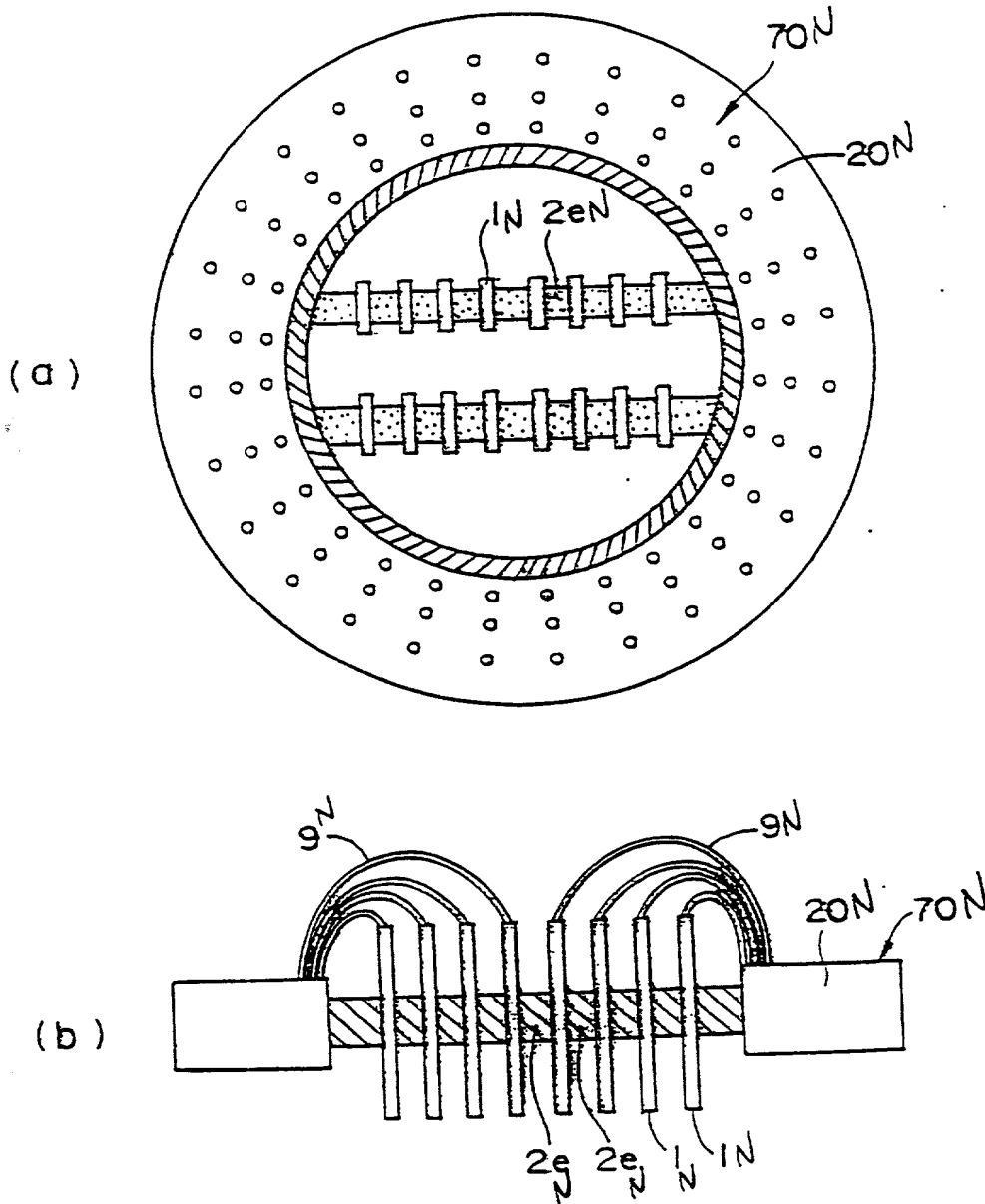


FIG. 103

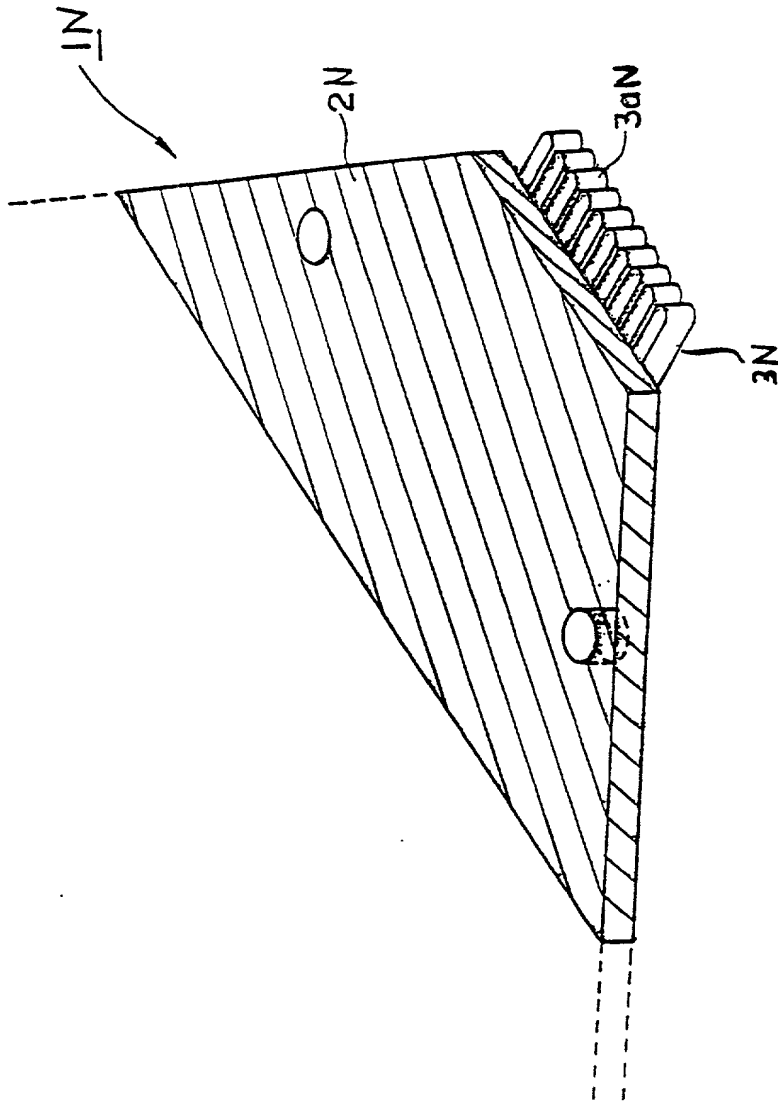


FIG. 104

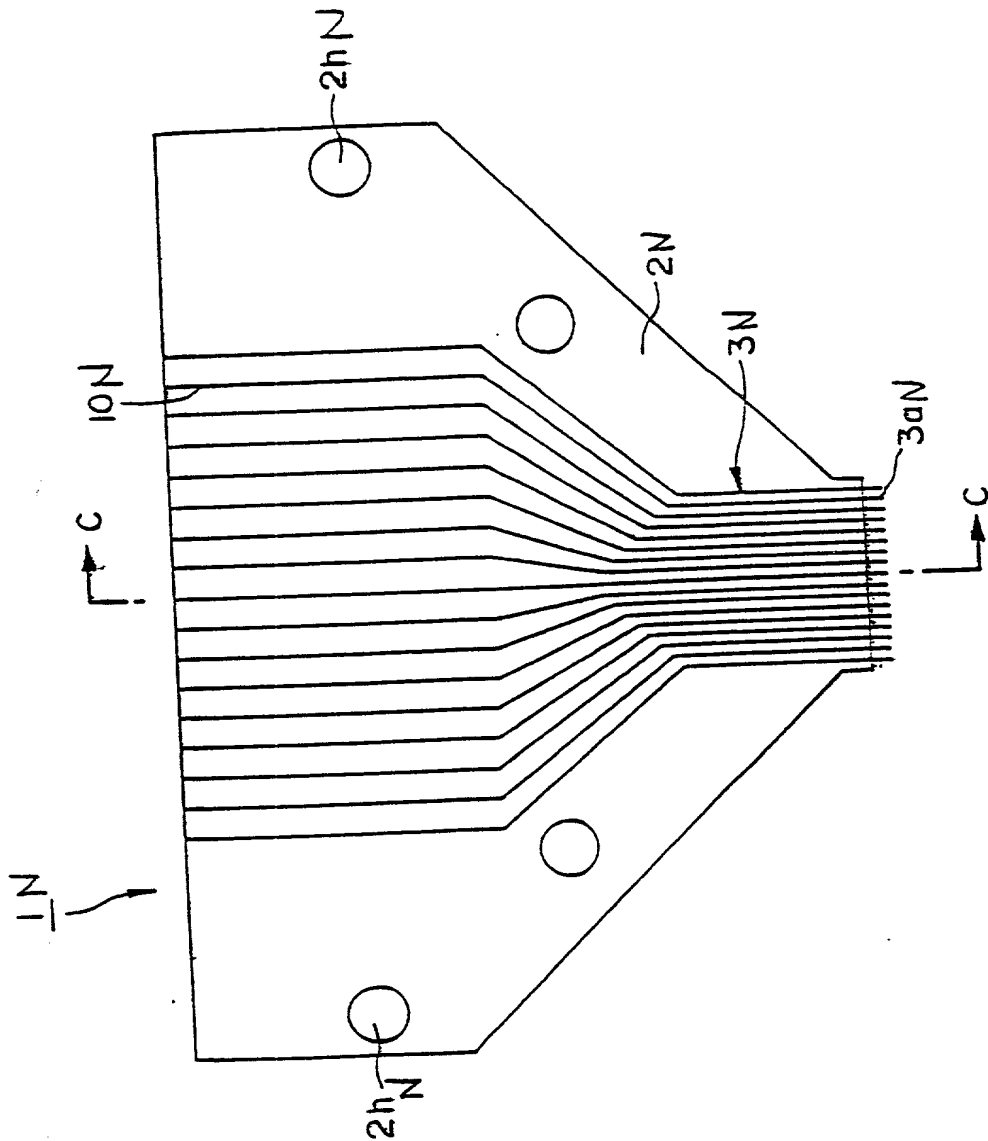


FIG. 105

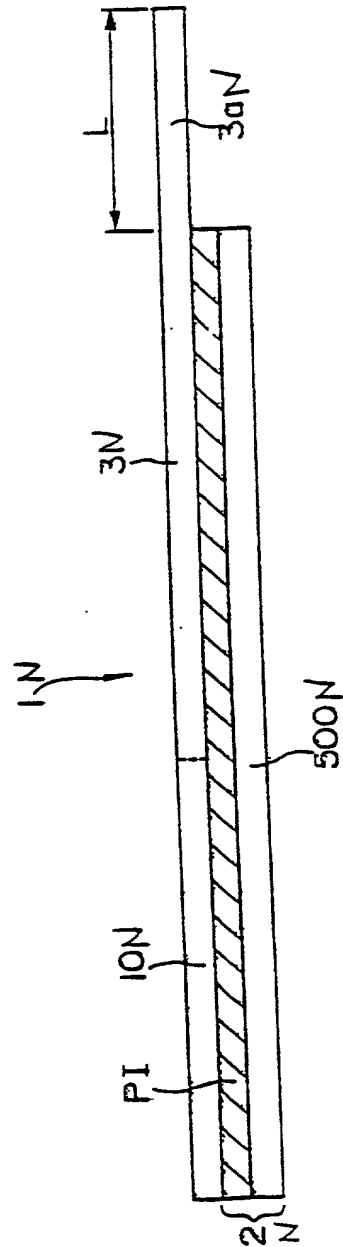


Fig. 106

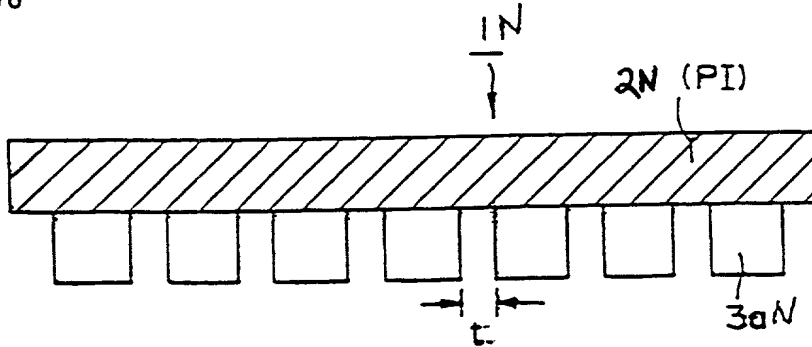
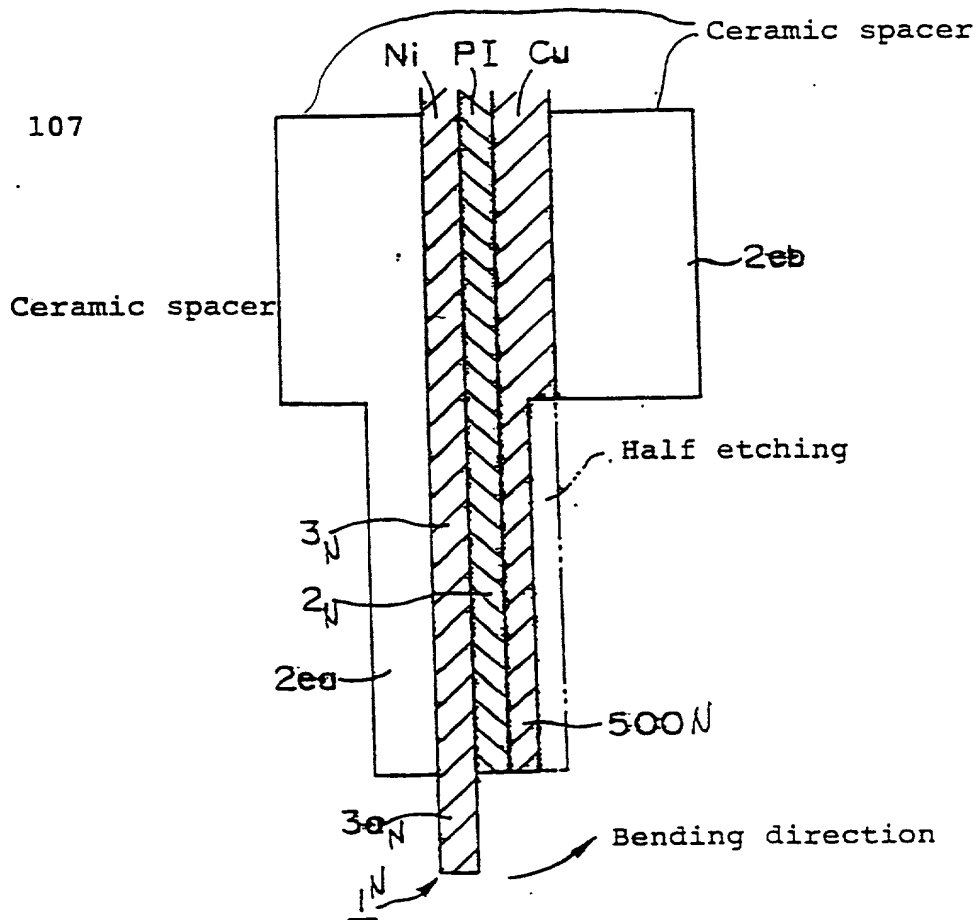


Fig. 107



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FIG. 108

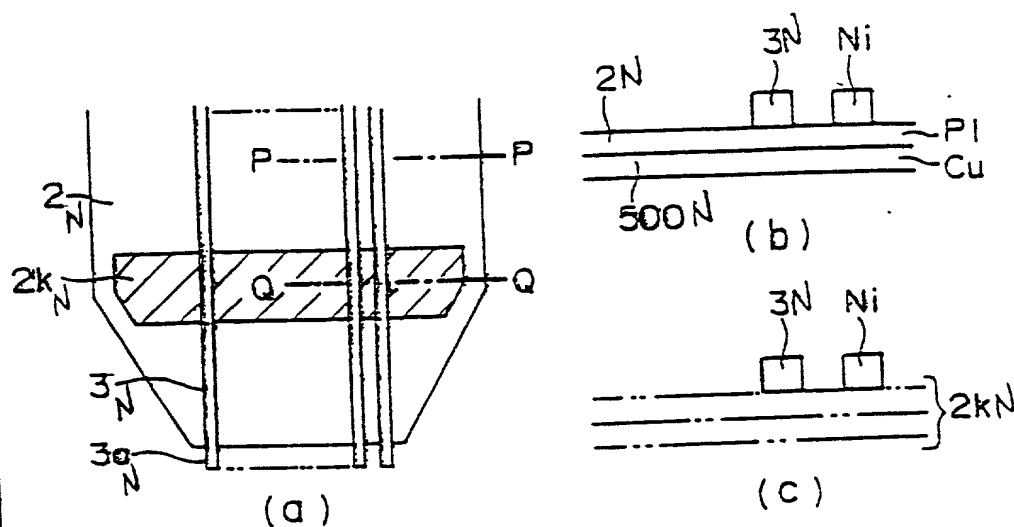


FIG. 109

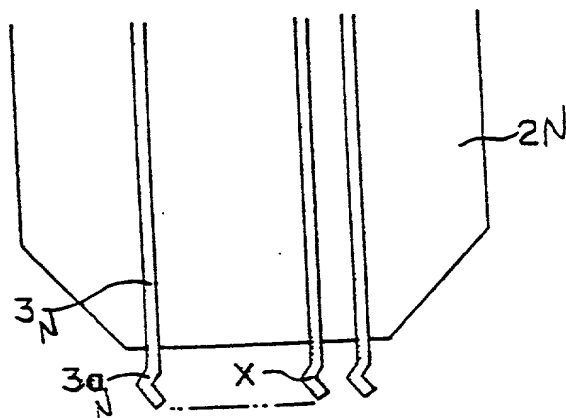
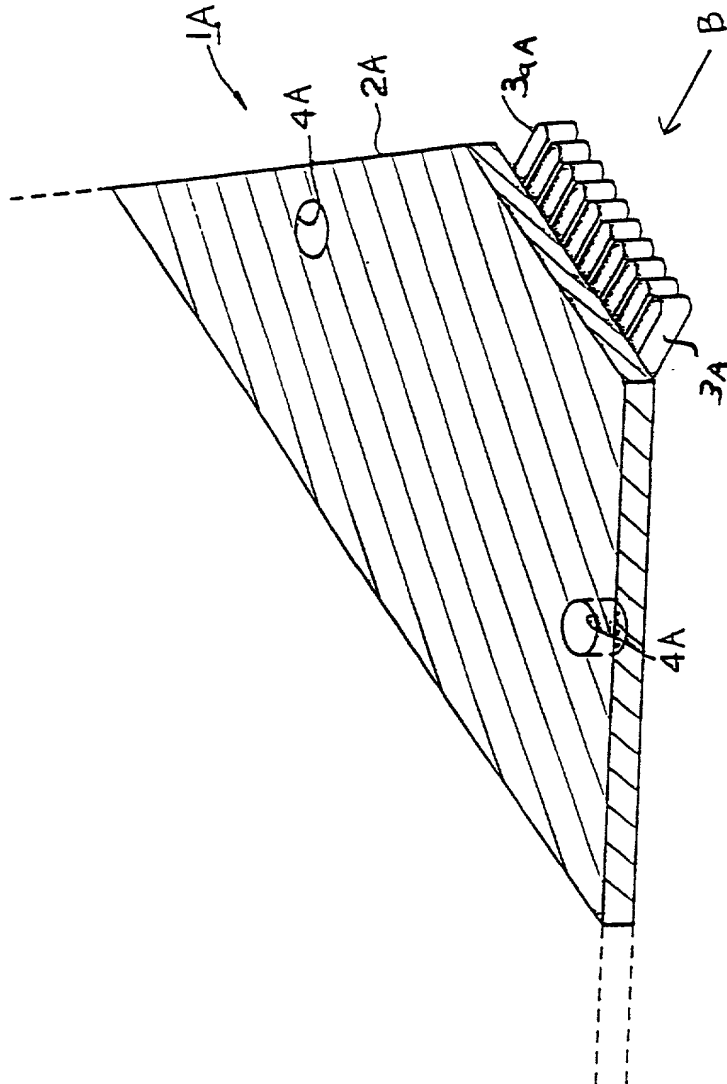
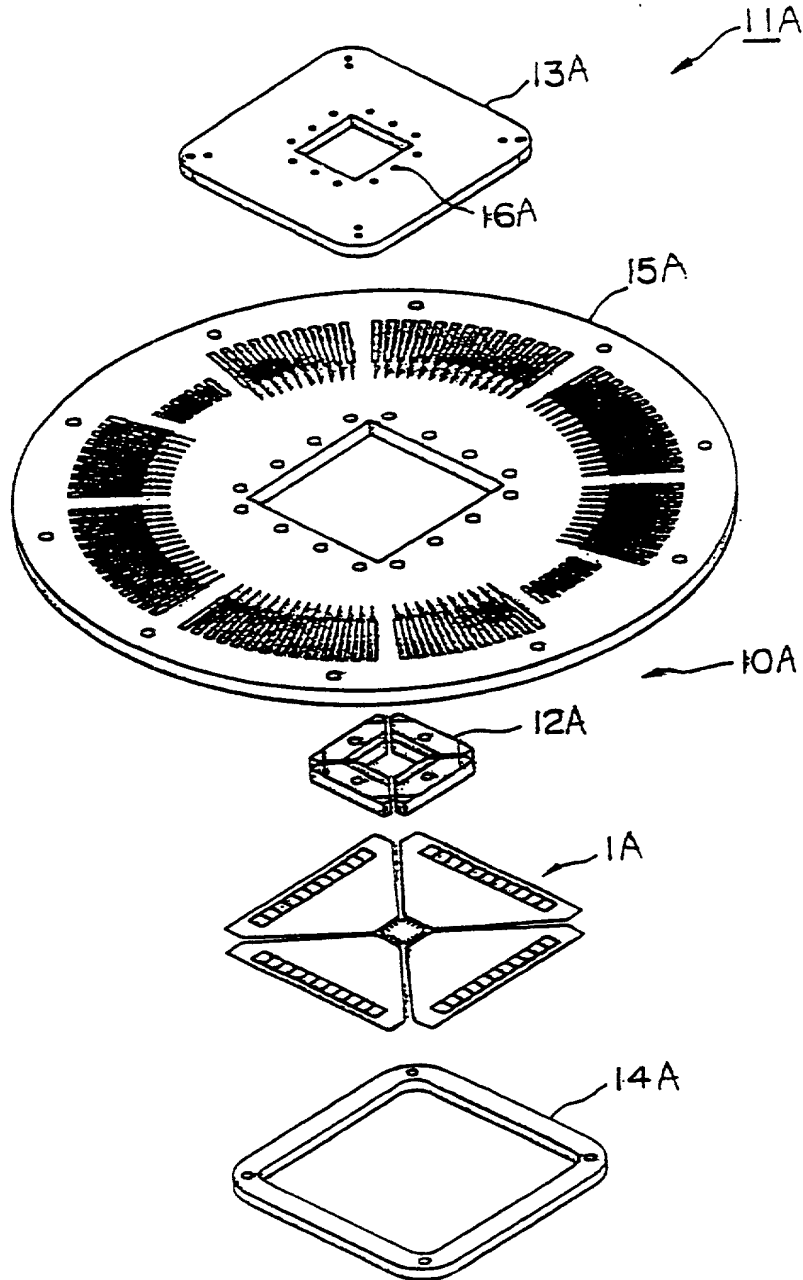


FIG. 110



Background Art

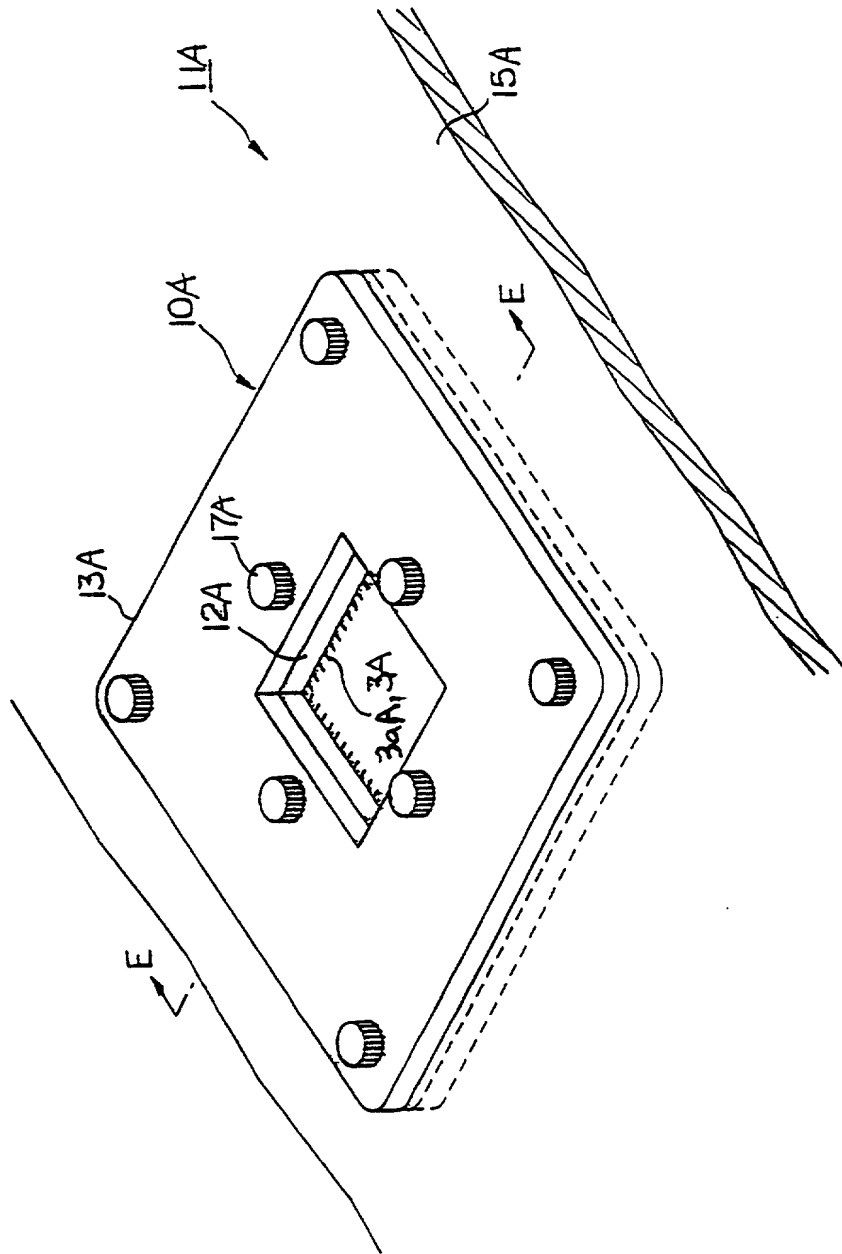
FIG. 111



Background Art

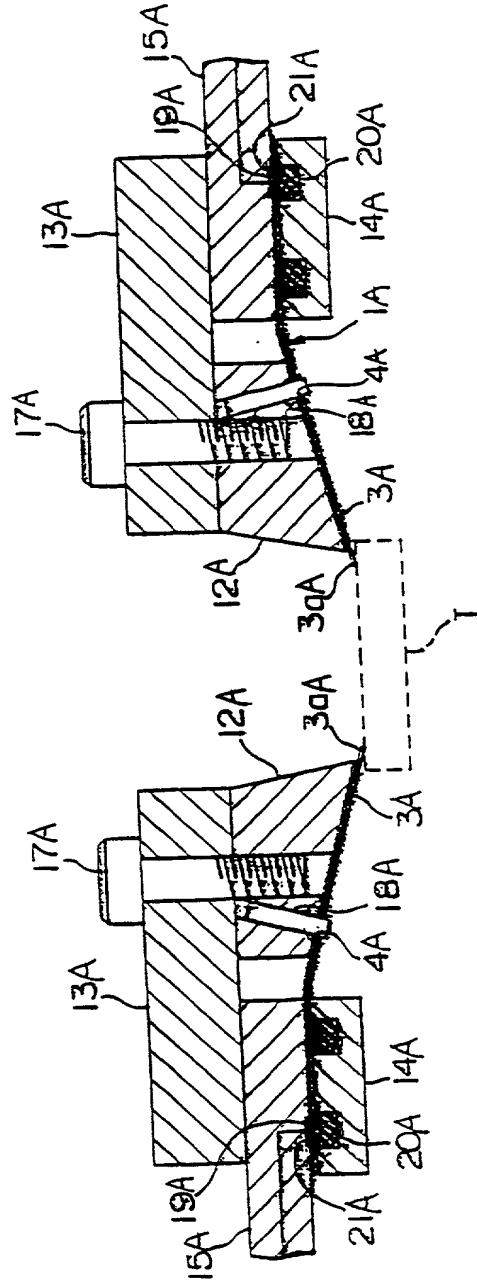


FIG. 112



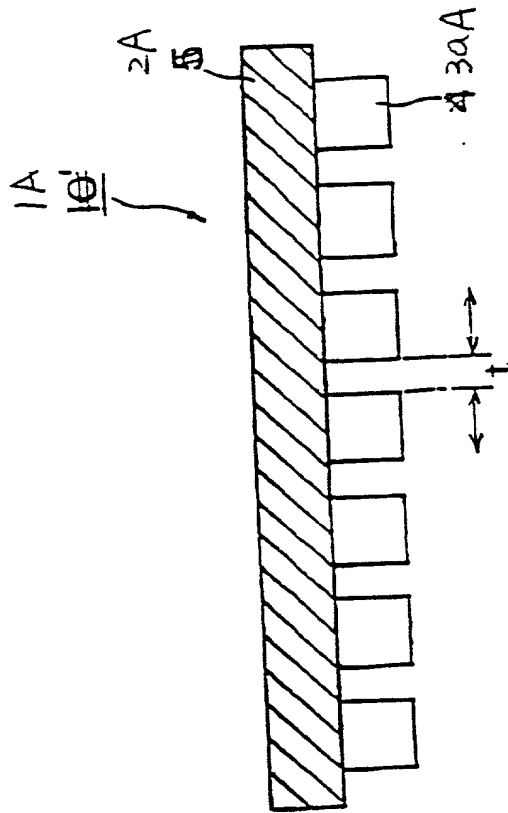
Background Art

FIG. 113



Background art

FIG. 114



Background Art

Fig. 115

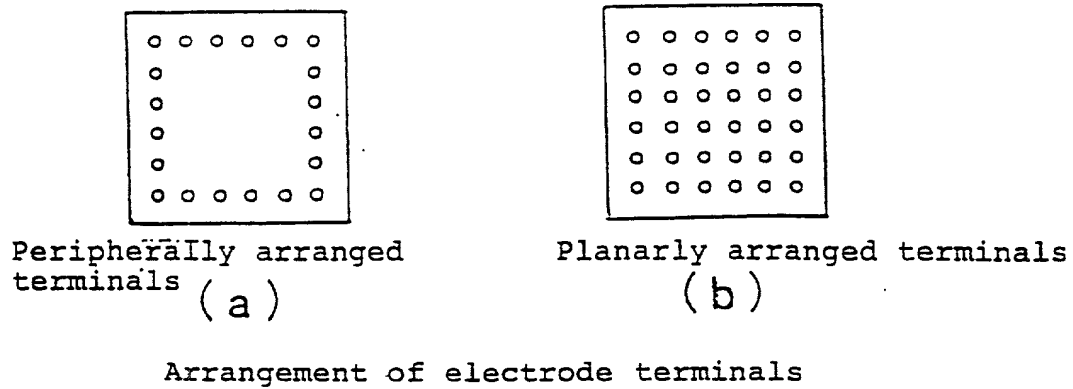


Fig. 116

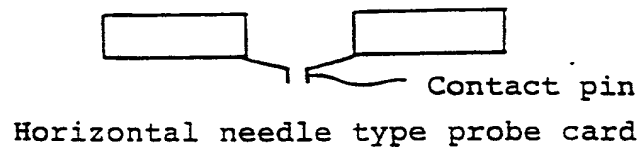
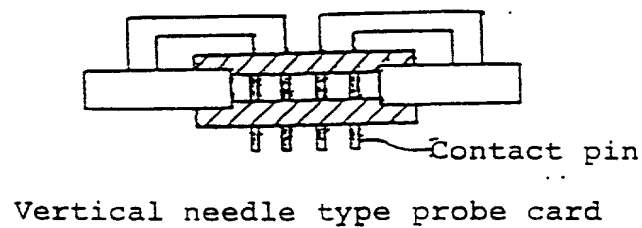


Fig. 117



Background Art